

TABLE A-1. Fatal occupational injuries by industry and event or exposure, California, 2002

Industry ¹	SIC code ¹	Total fatalities (number)	Event or exposure ² (percent)					
			Transportation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful substances or environments	Fires and explosions
Total		478	42.3	20.1	13.0	12.1	10.5	1.9
Private Industry		415	40.0	20.5	14.0	12.3	11.6	1.4
Agriculture, forestry, and fishing		60	43.3	13.3	15.0	8.3	18.3	--
Agricultural production-crops	01	23	47.8	13.0	--	--	21.7	--
Vegetables and melons	016	3	--	--	--	--	--	--
Fruits and tree nuts	017	12	41.7	25.0	--	--	--	--
Grapes	0172	6	--	50.0	--	--	--	--
General farms, primarily crop	019	3	100.0	--	--	--	--	--
Agricultural production - livestock	02	10	40.0	--	30.0	--	--	--
Livestock, except dairy and poultry	021	3	--	--	--	--	--	--
Dairy farms	024	5	--	--	--	--	--	--
Agricultural services	07	21	33.3	--	--	19.0	23.8	--
Farm labor and management services	076	4	--	--	--	--	--	--
Farm labor contractors and crew leaders	0761	4	--	--	--	--	--	--
Landscape and horticultural services	078	12	25.0	--	--	33.3	33.3	--
Lawn and garden services	0782	9	33.3	--	--	--	44.4	--
Ornamental shrub and tree services	0783	3	--	--	--	--	--	--
Mining⁵		5	--	--	--	--	--	--
Oil and gas extraction	13	3	--	--	--	--	--	--
Construction		78	30.8	--	16.7	26.9	21.8	--
General building contractors	15	12	33.3	--	--	33.3	--	--
Residential building construction	152	4	75.0	--	--	--	--	--
Single-family homes	1521	3	--	--	--	--	--	--
Nonresidential building construction	154	6	--	--	--	66.7	--	--
Industrial buildings and warehouses	1541	5	--	--	--	60.0	--	--
Heavy construction, except building	16	18	50.0	--	38.9	--	--	--
Highway and street construction	161	8	87.5	--	--	--	--	--
Heavy construction, except highway	162	10	--	--	60.0	--	--	--
Water, sewer, pipeline, and communications and power line construction	1623	4	--	--	--	--	--	--
Heavy construction, n.e.c.	1629	5	--	--	80.0	--	--	--
Special trade contractors	17	46	21.7	--	8.7	32.6	32.6	--
Plumbing, heating, air-conditioning	171	6	50.0	--	--	--	--	--
Painting and paper hanging	172	4	--	--	--	75.0	--	--
Electrical work	173	11	--	--	--	27.3	54.5	--
Masonry, stonework, and plastering	174	4	--	--	--	--	--	--
Carpentry and floor work	175	7	--	--	--	42.9	--	--
Carpentry work	1751	5	--	--	--	60.0	--	--
Roofing, siding, and sheet metal work	176	5	--	--	--	--	--	--
Miscellaneous special trade contractors	179	8	--	--	--	--	--	--
Special trade contractors, n.e.c.	1799	3	--	--	--	--	--	--
Manufacturing		50	40.0	14.0	18.0	14.0	12.0	--
Food and kindred products	20	10	40.0	--	--	--	--	--
Lumber and wood products	24	9	66.7	--	33.3	--	--	--
Logging	241	7	71.4	--	--	--	--	--
Chemicals and allied products	28	4	--	--	--	--	--	--
Stone, clay, and glass products	32	6	--	--	--	--	--	--
Concrete, gypsum, and plaster products	327	5	--	--	--	--	--	--
Ready-mixed concrete	3273	4	--	--	--	--	--	--
Industrial machinery and equipment	35	6	--	--	--	--	--	--
Transportation and public utilities		81	71.6	7.4	11.1	7.4	--	--
Local and interurban passenger transit	41	6	66.7	--	--	--	--	--
Taxicabs	412	4	--	--	--	--	--	--
Trucking and warehousing	42	48	77.1	--	14.6	--	--	--

See footnotes at end of table.

TABLE A-1. Fatal occupational injuries by industry and event or exposure, California, 2002 - continued

Industry ¹	SIC code ¹	Total fatalities (number)	Event or exposure ² (percent)					
			Transportation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful substances or environments	Fires and explosions
Trucking and courier services, except air	421	48	77.1	--	14.6	--	--	--
Local trucking without storage	4212	33	75.8	--	21.2	--	--	--
Trucking, except local	4213	15	80.0	--	--	--	--	--
Water transportation	44	6	50.0	--	--	--	--	--
Water transportation services	449	5	--	--	--	--	--	--
Marine cargo handling	4491	5	--	--	--	--	--	--
Transportation by air	45	7	100.0	--	--	--	--	--
Air transportation, nonscheduled	452	5	100.0	--	--	--	--	--
Transportation services	47	4	75.0	--	--	--	--	--
Freight transportation arrangement	473	3	100.0	--	--	--	--	--
Communications	48	5	--	--	--	--	--	--
Telephone communications	481	3	--	--	--	--	--	--
Electric, gas, and sanitary services	49	5	60.0	--	--	--	--	--
Electric services	491	3	--	--	--	--	--	--
Wholesale trade		9	--	--	55.6	--	--	--
Wholesale trade--durable goods	50	7	--	--	57.1	--	--	--
Miscellaneous durable goods	509	5	--	--	60.0	--	--	--
Scrap and waste materials	5093	5	--	--	60.0	--	--	--
Retail trade		43	20.9	58.1	7.0	--	9.3	--
Building materials and garden supplies	52	3	--	--	--	--	--	--
Food stores	54	7	--	71.4	--	--	--	--
Grocery stores	541	7	--	71.4	--	--	--	--
Automotive dealers and service stations	55	6	--	--	--	--	--	--
New and used car dealers	551	4	--	--	--	--	--	--
Eating and drinking places	58	7	--	57.1	--	--	--	--
Eating places	5812	5	--	--	--	--	--	--
Miscellaneous retail	59	15	--	80.0	--	--	--	--
Liquor stores	592	4	--	100.0	--	--	--	--
Miscellaneous shopping goods stores	594	4	--	100.0	--	--	--	--
Nonstore retailers	596	3	--	--	--	--	--	--
Direct selling establishments	5963	3	--	--	--	--	--	--
Finance, insurance, and real estate		8	--	62.5	--	--	--	--
Real estate	65	5	--	--	--	--	--	--
Real estate agents and managers	653	3	--	--	--	--	--	--
Services		81	32.1	37.0	11.1	9.9	8.6	--
Personal services	72	6	50.0	50.0	--	--	--	--
Business services	73	23	21.7	52.2	--	13.0	--	--
Services to buildings	734	3	--	--	--	--	--	--
Miscellaneous equipment rental and leasing	735	3	--	--	--	--	--	--
Heavy construction equipment rental and leasing	7353	3	--	--	--	--	--	--
Miscellaneous business services	738	14	--	71.4	--	--	--	--
Detective, guard, and armored car services	7381	13	--	76.9	--	--	--	--
Auto repair, services, and parking	75	18	27.8	16.7	38.9	--	--	--
Automotive Repair Shops	753	11	--	--	36.4	--	--	--
General automotive repair shops	7538	6	--	--	--	--	--	--
Automotive services, except repair	754	6	50.0	--	--	--	--	--
Automotive services, except repair and carwashes	7549	4	75.0	--	--	--	--	--
Amusement and recreation services	79	8	50.0	--	--	--	--	--
Commercial sports	794	3	--	--	--	--	--	--
Racing, including track operation	7948	3	--	--	--	--	--	--
Miscellaneous amusement, recreation services	799	3	--	--	--	--	--	--
Health services	80	11	--	63.6	--	--	--	--

See footnotes at end of table.

TABLE A-1. Fatal occupational injuries by industry and event or exposure, California, 2002 - continued

Industry ¹	SIC code ¹	Total fatalities (number)	Event or exposure ² (percent)					
			Transportation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful substances or environments	Fires and explosions
Offices and clinics of medical doctors	801	5	--	--	--	--	--	--
Nursing and personal care facilities	805	3	--	--	--	--	--	--
Engineering and management services	87	4	--	--	--	--	--	--
Government⁵		63	57.1	17.5	6.3	11.1	--	--
Federal Government (including resident armed forces)		34	76.5	--	--	--	--	--
Public Administration		33	75.8	--	--	--	--	--
National security and international affairs	97	28	71.4	--	--	--	--	--
National security	971	28	71.4	--	--	--	--	--
State Government		4	--	--	--	--	--	--
Public Administration		4	--	--	--	--	--	--
Local Government		23	30.4	34.8	--	21.7	--	--
Transportation and public utilities Services		3	--	--	--	--	--	--
		5	--	--	--	60.0	--	--
Educational services	82	3	--	--	--	--	--	--
Elementary and secondary schools	821	3	--	--	--	--	--	--
Public Administration		15	33.3	46.7	--	--	--	--
Justice, public order, and safety	92	10	30.0	50.0	--	--	--	--
Public order and safety	922	10	30.0	50.0	--	--	--	--
Police protection	9221	8	--	62.5	--	--	--	--
Environmental quality and housing	95	3	--	--	--	--	--	--
Administration of Environmental Quality Programs	951	3	--	--	--	--	--	--
Air and Water Resource and Solid Waste Management	9511	3	--	--	--	--	--	--

¹ Classified according to the *Standard Industrial Classification Manual, 1987*.

² Based on the 1992 BLS Occupational Injury and Illness Classification Manual.

³ Includes highway, nonhighway, air, water, and rail fatalities.

⁴ Includes violence by persons, self-inflicted injury, and assaults by animals.

⁵ Includes fatalities at all establishments categorized as Mining (Division B) in the Standard Industrial Classification Manual, 1987 Edition, including establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction.

⁶ Includes fatalities to workers employed by governmental organizations regardless of industry.

NOTE: Totals for major categories may include subcategories not shown separately. Percentages may not add to totals because of rounding.

There were less than 5 fatalities for which there was insufficient information to determine a specific industry classification, though a distinction between private and government was made for each.

Dashes indicate no data reported or data that do not meet publication criteria.

n.e.c. means "not elsewhere classified."

Data for 2002 are preliminary; data for previous years are final.

SOURCE: California Division of Labor Statistics and Research, in cooperation with the U.S. Bureau of Labor Statistics, Census of Fatal Occupational Injuries

TABLE A-2. Fatal occupational injuries resulting from transportation incidents and homicides, California, 2002

Industry ¹	Total fatalities (number)	Transportation incidents (percent)					Homicides (percent)		
		Total	Highway Incidents	Non-Highway Incidents	Worker struck by Vehicle	All other transportation incidents	Total	Homicides by shooting	All other homicides
Total	478	42.3	23.2	4.0	8.8	6.3	13.2	10.3	2.9
Private Industry	415	40.0	21.7	3.4	9.4	5.5	13.7	10.6	3.1
Agriculture, forestry, and fishing	60	43.3	16.7	6.7	13.3	--	8.3	6.7	--
Agricultural production-crops	23	47.8	30.4	--	--	--	--	--	--
Vegetables and melons	3	--	--	--	--	--	--	--	--
Fruits and tree nuts	12	41.7	--	--	--	--	--	--	--
Grapes	6	--	--	--	--	--	--	--	--
General farms, primarily crop	3	100.0	--	--	--	--	--	--	--
Agricultural production - livestock	10	40.0	--	--	--	--	--	--	--
Livestock, except dairy and poultry	3	--	--	--	--	--	--	--	--
Dairy farms	5	--	--	--	--	--	--	--	--
Agricultural services	21	33.3	--	--	23.8	--	--	--	--
Farm labor and management services	4	--	--	--	--	--	--	--	--
Farm labor contractors and crew leaders	4	--	--	--	--	--	--	--	--
Landscape and horticultural services	12	25.0	--	--	25.0	--	--	--	--
Lawn and garden services	9	33.3	--	--	33.3	--	--	--	--
Ornamental shrub and tree services	3	--	--	--	--	--	--	--	--
Mining²	5	--	--	--	--	--	--	--	--
Oil and gas extraction	3	--	--	--	--	--	--	--	--
Construction	78	30.8	16.7	3.8	10.3	--	--	--	--
General building contractors	12	33.3	--	--	--	--	--	--	--
Residential building construction	4	75.0	--	--	--	--	--	--	--
Single-family homes	3	--	--	--	--	--	--	--	--
Nonresidential building construction	6	--	--	--	--	--	--	--	--
Industrial buildings and warehouses	5	--	--	--	--	--	--	--	--
Heavy construction, except building	18	50.0	16.7	--	27.8	--	--	--	--
Highway and street construction	8	87.5	37.5	--	50.0	--	--	--	--
Heavy construction, except highway	10	--	--	--	--	--	--	--	--
Water, sewer, pipeline, and communications and power line construction	4	--	--	--	--	--	--	--	--
Heavy construction, n.e.c.	5	--	--	--	--	--	--	--	--
Special trade contractors	46	21.7	15.2	--	--	--	--	--	--
Plumbing, heating, air-conditioning	6	50.0	--	--	--	--	--	--	--
Painting and paper hanging	4	--	--	--	--	--	--	--	--
Electrical work	11	--	--	--	--	--	--	--	--
Masonry, stonework, and plastering	4	--	--	--	--	--	--	--	--
Carpentry and floor work	7	--	--	--	--	--	--	--	--
Carpentry work	5	--	--	--	--	--	--	--	--
Roofing, siding, and sheet metal work	5	--	--	--	--	--	--	--	--
Miscellaneous special trade contractors	8	--	--	--	--	--	--	--	--
Special trade contractors, n.e.c.	3	--	--	--	--	--	--	--	--
Manufacturing	50	40.0	18.0	6.0	8.0	--	8.0	--	6.0
Food and kindred products	10	40.0	30.0	--	--	--	--	--	--
Lumber and wood products	9	66.7	--	--	--	--	--	--	--
Logging	7	71.4	--	--	--	--	--	--	--
Chemicals and allied products	4	--	--	--	--	--	--	--	--
Stone, clay, and glass products	6	--	--	--	--	--	--	--	--
Concrete, gypsum, and plaster products	5	--	--	--	--	--	--	--	--
Ready-mixed concrete	4	--	--	--	--	--	--	--	--
Industrial machinery and equipment	6	--	--	--	--	--	--	--	--
Transportation and public utilities	81	71.6	43.2	--	14.8	12.3	4.9	4.9	--
Local and interurban passenger transit	6	66.7	50.0	--	--	--	--	--	--
Taxicabs	4	--	--	--	--	--	--	--	--
Trucking and warehousing	48	77.1	58.3	--	12.5	6.3	--	--	--

See footnotes at end of table.

TABLE A-2. Fatal occupational injuries resulting from transportation incidents and homicides, California, 2002 - continued

Industry ¹	Total fatalities (number)	Transportation incidents (percent)					Homicides (percent)		
		Total	Highway Incidents	Non-Highway Incidents	Worker struck by Vehicle	All other transportation incidents	Total	Homicides by shooting	All other homicides
Trucking and courier services, except air	48	77.1	58.3	--	12.5	6.3	--	--	--
Local trucking without storage	33	75.8	63.6	--	9.1	--	--	--	--
Trucking, except local	15	80.0	46.7	--	20.0	--	--	--	--
Water transportation	6	50.0	--	--	--	--	--	--	--
Water transportation services	5	--	--	--	--	--	--	--	--
Marine cargo handling	5	--	--	--	--	--	--	--	--
Transportation by air	7	100.0	--	--	--	85.7	--	--	--
Air transportation, nonscheduled	5	100.0	--	--	--	100.0	--	--	--
Transportation services	4	75.0	--	--	--	--	--	--	--
Freight transportation arrangement	3	100.0	--	--	--	--	--	--	--
Communications	5	--	--	--	--	--	--	--	--
Telephone communications	3	--	--	--	--	--	--	--	--
Electric, gas, and sanitary services	5	60.0	--	--	--	--	--	--	--
Electric services	3	--	--	--	--	--	--	--	--
Wholesale trade	9	--	--	--	--	--	--	--	--
Wholesale trade--durable goods	7	--	--	--	--	--	--	--	--
Miscellaneous durable goods	5	--	--	--	--	--	--	--	--
Scrap and waste materials	5	--	--	--	--	--	--	--	--
Retail trade	43	20.9	16.3	--	--	--	53.5	51.2	--
Building materials and garden supplies	3	--	--	--	--	--	--	--	--
Food stores	7	--	--	--	--	--	71.4	71.4	--
Grocery stores	7	--	--	--	--	--	71.4	71.4	--
Automotive dealers and service stations	6	--	--	--	--	--	--	--	--
New and used car dealers	4	--	--	--	--	--	--	--	--
Eating and drinking places	7	--	--	--	--	--	57.1	57.1	--
Eating places	5	--	--	--	--	--	--	--	--
Miscellaneous retail	15	--	--	--	--	--	66.7	60.0	--
Liquor stores	4	--	--	--	--	--	100.0	100.0	--
Miscellaneous shopping goods stores	4	--	--	--	--	--	100.0	100.0	--
Nonstore retailers	3	--	--	--	--	--	--	--	--
Direct selling establishments	3	--	--	--	--	--	--	--	--
Finance, insurance, and real estate	8	--	--	--	--	--	37.5	--	--
Real estate	5	--	--	--	--	--	--	--	--
Real estate agents and managers	3	--	--	--	--	--	--	--	--
Services	81	32.1	18.5	3.7	4.9	4.9	19.8	14.8	4.9
Personal services	6	50.0	50.0	--	--	--	--	--	--
Business services	23	21.7	13.0	--	--	--	39.1	30.4	--
Services to buildings	3	--	--	--	--	--	--	--	--
Miscellaneous equipment rental and leasing	3	--	--	--	--	--	--	--	--
Heavy construction equipment rental and leasing	3	--	--	--	--	--	--	--	--
Miscellaneous business services	14	--	--	--	--	--	57.1	50.0	--
Detective, guard, and armored car services	13	--	--	--	--	--	61.5	53.8	--
Auto repair, services, and parking	18	27.8	--	--	--	--	--	--	--
Automotive Repair Shops	11	--	--	--	--	--	--	--	--
General automotive repair shops	6	--	--	--	--	--	--	--	--
Automotive services, except repair	6	50.0	--	--	--	--	--	--	--
Automotive services, except repair and carwashes	4	75.0	--	--	--	--	--	--	--
Amusement and recreation services	8	50.0	--	37.5	--	--	--	--	--
Commercial sports	3	--	--	--	--	--	--	--	--
Racing, including track operation	3	--	--	--	--	--	--	--	--
Miscellaneous amusement, recreation services	3	--	--	--	--	--	--	--	--
Health services	11	--	--	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-2. Fatal occupational injuries resulting from transportation incidents and homicides, California, 2002 - continued

Industry ¹	Total fatalities (number)	Transportation incidents (percent)					Homicides (percent)		
		Total	Highway Incidents	Non-Highway Incidents	Worker struck by Vehicle	All other transportation incidents	Total	Homicides by shooting	All other homicides
Offices and clinics of medical doctors	5	--	--	--	--	--	--	--	--
Nursing and personal care facilities	3	--	--	--	--	--	--	--	--
Engineering and management services	4	--	--	--	--	--	--	--	--
Government³	63	57.1	33.3	7.9	4.8	11.1	9.5	7.9	--
Federal Government (including resident armed forces)	34	76.5	35.3	14.7	--	20.6	--	--	--
Public Administration	33	75.8	33.3	15.2	--	21.2	--	--	--
National security and international affairs	28	71.4	28.6	14.3	--	25.0	--	--	--
National security	28	71.4	28.6	14.3	--	25.0	--	--	--
State Government	4	--	--	--	--	--	--	--	--
Public Administration	4	--	--	--	--	--	--	--	--
Local Government	23	30.4	26.1	--	--	--	21.7	17.4	--
Transportation and public utilities Services	3	--	--	--	--	--	--	--	--
Educational services	5	--	--	--	--	--	--	--	--
Elementary and secondary schools	3	--	--	--	--	--	--	--	--
Public Administration	3	--	--	--	--	--	--	--	--
Justice, public order, and safety	15	33.3	33.3	--	--	--	26.7	26.7	--
Public order and safety	10	30.0	30.0	--	--	--	40.0	40.0	--
Police protection	10	30.0	30.0	--	--	--	40.0	40.0	--
Police protection	8	--	--	--	--	--	50.0	50.0	--
Environmental quality and housing	3	--	--	--	--	--	--	--	--
Administration of Environmental Quality Programs	3	--	--	--	--	--	--	--	--
Air and Water Resource and Solid Waste Management	3	--	--	--	--	--	--	--	--

¹ Classified according to the *Standard Industrial Classification Manual, 1987*

² Includes fatalities at all establishments categorized as Mining (Division B) in the *Standard Industrial Classification Manual, 1987 Edition*, including establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction.

³ Includes fatalities to workers employed by governmental organizations regardless of industry.

NOTE: Totals for major categories may include subcategories not shown

separately. Percentages may not add to totals because of rounding.

There were less than 5 fatalities for which there was insufficient information to determine a specific industry classification, though a distinction between private and government was made for each.

Dashes indicate no data reported or data that do not meet publication criteria.

n.e.c. means "not elsewhere classified."

Data for 2002 are preliminary; data for previous years are final.

SOURCE: California Division of Labor Statistics and Research, in cooperation with the U.S. Bureau of Labor Statistics, Census of Fatal Occupational Injuries

TABLE A-3. Fatal occupational injuries to private sector wage and salary workers, government workers, and self-employed workers by industry, California, 2002

Industry ¹	Fatalities		Private sector wage and salary workers ²		Government workers ³		Self-employed workers ⁴	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	478	100.0	326	100.0	63	100.0	89	100.0
Agriculture, forestry, and fishing	60	12.6	47	14.4	--	--	13	14.6
Agricultural production-crops	23	4.8	18	5.5	--	--	5	5.6
Vegetables and melons	3	0.6	3	0.9	--	--	--	--
Fruits and tree nuts	12	2.5	9	2.8	--	--	3	3.4
Grapes	6	1.3	4	1.2	--	--	--	--
General farms, primarily crop	3	0.6	--	--	--	--	--	--
Agricultural production - livestock	10	2.1	7	2.1	--	--	3	3.4
Livestock, except dairy and poultry	3	0.6	--	--	--	--	--	--
Dairy farms	5	1.0	4	1.2	--	--	--	--
Agricultural services	21	4.4	17	5.2	--	--	4	4.5
Farm labor and management services	4	0.8	4	1.2	--	--	--	--
Farm labor contractors and crew leaders	4	0.8	4	1.2	--	--	--	--
Landscape and horticultural services	12	2.5	10	3.1	--	--	--	--
Lawn and garden services	9	1.9	8	2.5	--	--	--	--
Ornamental shrub and tree services	3	0.6	--	--	--	--	--	--
Mining⁵	5	1.0	5	1.5	--	--	--	--
Oil and gas extraction	3	0.6	3	0.9	--	--	--	--
Construction	78	16.3	63	19.3	--	--	15	16.9
General building contractors	12	2.5	11	3.4	--	--	--	--
Residential building construction	4	0.8	4	1.2	--	--	--	--
Single-family homes	3	0.6	3	0.9	--	--	--	--
Nonresidential building construction	6	1.3	5	1.5	--	--	--	--
Industrial buildings and warehouses	5	1.0	5	1.5	--	--	--	--
Heavy construction, except building	18	3.8	17	5.2	--	--	--	--
Highway and street construction	8	1.7	7	2.1	--	--	--	--
Heavy construction, except highway	10	2.1	10	3.1	--	--	--	--
Water, sewer, pipeline, and communications and	4	0.8	4	1.2	--	--	--	--
Heavy construction, n.e.c.	5	1.0	5	1.5	--	--	--	--
Special trade contractors	46	9.6	34	10.4	--	--	12	13.5
Plumbing, heating, air-conditioning	6	1.3	3	0.9	--	--	3	3.4
Painting and paper hanging	4	0.8	--	--	--	--	--	--
Electrical work	11	2.3	9	2.8	--	--	--	--
Masonry, stonework, and plastering	4	0.8	4	1.2	--	--	--	--
Carpentry and floor work	7	1.5	5	1.5	--	--	--	--
Carpentry work	5	1.0	3	0.9	--	--	--	--
Roofing, siding, and sheet metal work	5	1.0	4	1.2	--	--	--	--
Miscellaneous special trade contractors	8	1.7	6	1.8	--	--	--	--
Special trade contractors, n.e.c.	3	0.6	--	--	--	--	--	--
Manufacturing	50	10.5	44	13.5	--	--	6	6.7
Food and kindred products	10	2.1	10	3.1	--	--	--	--
Lumber and wood products	9	1.9	8	2.5	--	--	--	--
Logging	7	1.5	6	1.8	--	--	--	--
Chemicals and allied products	4	0.8	4	1.2	--	--	--	--
Stone, clay, and glass products	6	1.3	5	1.5	--	--	--	--
Concrete, gypsum, and plaster products	5	1.0	5	1.5	--	--	--	--
Ready-mixed concrete	4	0.8	4	1.2	--	--	--	--
Industrial machinery and equipment	6	1.3	5	1.5	--	--	--	--
Transportation and public utilities	86	18.0	68	20.9	5	7.9	13	14.6
Local and interurban passenger transit	6	1.3	5	1.5	--	--	--	--
Taxicabs	4	0.8	3	0.9	--	--	--	--
Trucking and warehousing	48	10.0	38	11.7	--	--	10	11.2
Trucking and courier services, except air	48	10.0	38	11.7	--	--	10	11.2
Local trucking without storage	33	6.9	24	7.4	--	--	9	10.1
Trucking, except local	15	3.1	14	4.3	--	--	--	--
Water transportation	6	1.3	6	1.8	--	--	--	--
Water transportation services	5	1.0	5	1.5	--	--	--	--

See footnotes at end of table.

TABLE A-3. Fatal occupational injuries to private sector wage and salary workers, government workers, and self-employed workers by industry, California, 2002 - Continued

Industry ¹	Fatalities		Private sector wage and salary workers ²		Government workers ³		Self-employed workers ⁴	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Marine cargo handling	5	1.0	5	1.5	--	--	--	--
Transportation by air	9	1.9	6	1.8	--	--	--	--
Air transportation, nonscheduled	5	1.0	--	--	--	--	--	--
Transportation services	4	0.8	3	0.9	--	--	--	--
Freight transportation arrangement	3	0.6	3	0.9	--	--	--	--
Communications	5	1.0	5	1.5	--	--	--	--
Telephone communications	3	0.6	3	0.9	--	--	--	--
Electric, gas, and sanitary services	7	1.5	5	1.5	--	--	--	--
Electric services	4	0.8	3	0.9	--	--	--	--
Wholesale trade	9	1.9	7	2.1	--	--	--	--
Wholesale trade--durable goods	7	1.5	5	1.5	--	--	--	--
Miscellaneous durable goods	5	1.0	3	0.9	--	--	--	--
Scrap and waste materials	5	1.0	3	0.9	--	--	--	--
Retail trade	43	9.0	26	8.0	--	--	17	19.1
Building materials and garden supplies	3	0.6	--	--	--	--	--	--
Food stores	7	1.5	6	1.8	--	--	--	--
Grocery stores	7	1.5	6	1.8	--	--	--	--
Automotive dealers and service stations	6	1.3	5	1.5	--	--	--	--
New and used car dealers	4	0.8	--	--	--	--	--	--
Eating and drinking places	7	1.5	7	2.1	--	--	--	--
Eating places	5	1.0	5	1.5	--	--	--	--
Miscellaneous retail	15	3.1	4	1.2	--	--	11	12.4
Liquor stores	4	0.8	--	--	--	--	4	4.5
Miscellaneous shopping goods stores	4	0.8	--	--	--	--	4	4.5
Nonstore retailers	3	0.6	--	--	--	--	--	--
Direct selling establishments	3	0.6	--	--	--	--	--	--
Finance, insurance, and real estate	8	1.7	7	2.1	--	--	--	--
Real estate	5	1.0	5	1.5	--	--	--	--
Real estate agents and managers	3	0.6	3	0.9	--	--	--	--
Services	86	18.0	59	18.1	5	7.9	22	24.7
Personal services	6	1.3	--	--	--	--	4	4.5
Business services	23	4.8	20	6.1	--	--	--	--
Services to buildings	3	0.6	3	0.9	--	--	--	--
Miscellaneous equipment rental and leasing	3	0.6	3	0.9	--	--	--	--
Heavy construction equipment rental and leasing	3	0.6	3	0.9	--	--	--	--
Miscellaneous business services	14	2.9	13	4.0	--	--	--	--
Detective, guard, and armored car services	13	2.7	12	3.7	--	--	--	--
Auto repair, services, and parking	18	3.8	12	3.7	--	--	6	6.7
Automotive Repair Shops	11	2.3	6	1.8	--	--	5	5.6
General automotive repair shops	6	1.3	--	--	--	--	3	3.4
Automotive services, except repair	6	1.3	5	1.5	--	--	--	--
Automotive services, except repair and carwashes	4	0.8	3	0.9	--	--	--	--
Amusement and recreation services	8	1.7	6	1.8	--	--	--	--
Commercial sports	3	0.6	--	--	--	--	--	--
Racing, including track operation	3	0.6	--	--	--	--	--	--
Miscellaneous amusement, recreation services	3	0.6	3	0.9	--	--	--	--
Health services	13	2.7	8	2.5	--	--	3	3.4
Offices and clinics of medical doctors	6	1.3	--	--	--	--	--	--
Nursing and personal care facilities	3	0.6	3	0.9	--	--	--	--
Educational services	5	1.0	--	--	3	4.8	--	--
Elementary and secondary schools	3	0.6	--	--	3	4.8	--	--
Engineering and management services	4	0.8	3	0.9	--	--	--	--
Public Administration	53	11.1	--	--	53	84.1	--	--
Justice, public order, and safety	16	3.3	--	--	16	25.4	--	--
Public order and safety	16	3.3	--	--	16	25.4	--	--
Police protection	10	2.1	--	--	10	15.9	--	--
Fire protection	5	1.0	--	--	5	7.9	--	--
Environmental quality and housing	5	1.0	--	--	5	7.9	--	--
Administration of Environmental Quality Programs	5	1.0	--	--	5	7.9	--	--

See footnotes at end of table.

TABLE A-3. Fatal occupational injuries to private sector wage and salary workers, government workers, and self-employed workers by industry, California, 2002 - Continued

Industry ¹	Fatalities		Private sector wage and salary workers ²		Government workers ³		Self-employed workers ⁴	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Air and Water Resource and Solid Waste Management	3	0.6	--	--	3	4.8	--	--
National security and international affairs	29	6.1	--	--	29	46.0	--	--
National security	29	6.1	--	--	29	46.0	--	--

¹ Classified according to the *Standard Industrial Classification Manual, 1987*

² May include volunteers and other workers receiving compensation

³ Includes fatalities to workers employed by governmental organizations regardless of industry.

⁴ Includes paid and unpaid family workers, and may include owners of incorporated businesses, or members of partnerships.

⁵ Includes fatalities at all establishments categorized as Mining (Division B) in the *Standard Industrial Classification Manual, 1987 Edition*, including establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction.

NOTE: Totals for major categories may include subcategories

not shown separately. Percentages may not add to totals because of rounding.

There were less than 5 fatalities for which there was insufficient information to determine a specific industry classification, though a distinction between private and government was made for each

Dashes indicate no data reported or data that do not meet publication criteria.

n.e.c. means "not elsewhere classified."

Data for 2002 are preliminary; data for previous years are final.

SOURCE: California Division of Labor Statistics and Research, in cooperation with the U.S. Bureau of Labor Statistics, Census of Fatal Occupational Injuries

TABLE A-4. Fatal occupational injuries by industry, California, 1997 to 2002

Industry ¹	1997 (number)	1998 (number)	1999 (number)	2000 (number)	2001 (number)	2002	
						Number	Percent
Total	651	626	602	553	515	478	100.0
Private Industry	573	538	523	500	459	415	86.8
Agriculture, forestry, and fishing	70	75	93	80	72	60	12.6
Agricultural production-crops	18	26	39	16	24	23	4.8
Cash grains	--	4	--	--	--	--	--
Field crops, except cash grains	--	3	--	--	--	--	--
Vegetables and melons	4	--	--	4	4	3	0.6
Fruits and tree nuts	7	7	22	7	13	12	2.5
Grapes	--	4	3	--	3	6	1.3
Tree nuts	3	--	--	--	3	--	--
Deciduous tree fruits	--	--	3	--	--	--	--
Fruits and tree nuts, n.e.c.	--	--	13	--	--	--	--
Horticultural specialties	--	--	6	--	--	--	--
Ornamental floriculture and nursery products	--	--	6	--	--	--	--
General farms, primarily crop	3	6	--	--	--	3	0.6
Agricultural production - livestock	10	5	11	10	12	10	2.1
Livestock, except dairy and poultry	--	--	4	3	--	3	0.6
Beef cattle, except feedlots	--	--	3	3	--	--	--
Dairy farms	5	--	4	3	8	5	1.0
Poultry and eggs	--	--	--	3	--	--	--
Agricultural services	37	34	29	47	30	21	4.4
Crop services	14	8	8	11	5	--	--
Crop planting, cultivating, and protecting	6	3	4	4	--	--	--
Crop harvesting, primarily by machine	3	--	--	4	3	--	--
Crop preparation services for market, except cotton ginning	5	3	3	3	--	--	--
Animal services, except veterinary	--	--	3	--	--	--	--
Animal specialty services, except veterinary	--	--	3	--	--	--	--
Farm labor and management services	6	10	6	9	9	4	0.8
Farm labor contractors and crew leaders	6	9	3	4	9	4	0.8
Farm management services	--	--	--	5	--	--	--
Landscape and horticultural services	15	14	10	26	14	12	2.5
Landscape counseling and planning	3	3	--	--	--	--	--
Lawn and garden services	4	7	6	11	8	9	1.9
Ornamental shrub and tree services	7	4	3	14	5	3	0.6
Fishing, hunting, and trapping	5	10	7	5	--	--	--
Commercial fishing	5	10	7	5	--	--	--
Finfish	--	4	--	--	--	--	--
Shellfish	--	--	4	3	--	--	--
Mining²	8	7	--	4	7	5	1.0
Metal mining	3	--	--	--	--	--	--
Oil and gas extraction	--	3	--	--	5	3	0.6
Oil and gas field services	--	3	--	--	5	--	--
Oil and gas field services, n.e.c.	--	--	--	--	4	--	--
Nonmetallic minerals, except fuels	3	3	--	--	--	--	--
Construction	86	94	94	95	97	78	16.3
General building contractors	13	27	14	12	16	12	2.5
Residential building construction	4	10	8	7	8	4	0.8
Single-family homes	4	7	6	7	6	3	0.6
Nonresidential building construction	4	4	5	5	5	6	1.3
Industrial buildings and warehouses	--	--	--	--	3	5	1.0
Nonresidential buildings, other than industrial buildings and warehouses	--	3	3	3	--	--	--
Heavy construction, except building	20	14	13	17	18	18	3.8
Highway and street construction	3	4	4	3	5	8	1.7
Heavy construction, except highway	10	10	8	14	13	10	2.1
Bridge, tunnel, and elevated highway construction	--	--	--	--	4	--	--
Water, sewer, pipeline, and communications and power line construction	--	6	6	8	5	4	0.8
Heavy construction, n.e.c.	6	--	--	4	4	5	1.0
Special trade contractors	53	53	60	61	59	46	9.6
Plumbing, heating, air-conditioning	--	5	5	5	6	6	1.3
Painting and paper hanging	6	--	--	4	--	4	0.8

See footnotes at end of table.

TABLE A-4. Fatal occupational injuries by industry, California, 1997 to 2002 - continued

Industry ¹	1997 (number)	1998 (number)	1999 (number)	2000 (number)	2001 (number)	2002	
						Number	Percent
Electrical work	6	15	14	11	7	11	2.3
Masonry, stonework, and plastering	5	5	--	7	5	4	0.8
Masonry, stonemasonry, and other stone work	4	--	--	--	--	--	--
Plastering, drywall, acoustical, and insulation work	--	3	--	6	4	--	--
Carpentry and floor work	5	--	4	5	10	7	1.5
Carpentry work	3	--	4	4	9	5	1.0
Roofing, siding, and sheet metal work	8	6	14	6	13	5	1.0
Concrete work	4	--	--	--	--	--	--
Miscellaneous special trade contractors	15	17	17	22	15	8	1.7
Structural steel erection	--	4	--	3	5	--	--
Excavation work	--	5	4	8	--	--	--
Wrecking and demolition work	4	3	--	--	3	--	--
Installation or erection of building equipment, n.e.c.	--	--	--	3	--	--	--
Special trade contractors, n.e.c.	6	4	9	7	5	3	0.6
Manufacturing	54	50	62	41	36	50	10.5
Food and kindred products	3	6	10	--	4	10	2.1
Beverages	--	--	3	--	--	--	--
Wines, brandy, and brandy spirits	--	--	3	--	--	--	--
Apparel and other textile products	3	--	--	--	--	--	--
Lumber and wood products	7	8	10	6	8	9	1.9
Logging	4	6	3	4	6	7	1.5
Millwork, plywood and structural members	--	--	3	--	--	--	--
Furniture and fixtures	--	--	--	--	3	--	--
Paper and allied products	--	--	3	--	--	--	--
Printing and publishing	6	--	--	--	--	--	--
Newspapers	6	--	--	--	--	--	--
Chemicals and allied products	5	3	5	3	--	4	0.8
Industrial inorganic chemicals	--	3	--	--	--	--	--
Industrial inorganic chemicals, n.e.c.	--	3	--	--	--	--	--
Rubber and miscellaneous plastics products	3	4	--	--	--	--	--
Miscellaneous plastics products, n.e.c.	3	4	--	--	--	--	--
Plastics products, n.e.c.	3	--	--	--	--	--	--
Stone, clay, and glass products	--	3	6	3	3	6	1.3
Concrete, gypsum, and plaster products	--	--	3	--	3	5	1.0
Ready-mixed concrete	--	--	--	--	--	4	0.8
Primary metal industries	--	--	3	--	--	--	--
Fabricated metal products	4	--	--	4	4	--	--
Industrial machinery and equipment	6	6	3	5	--	6	1.3
Industrial machinery, n.e.c.	--	3	--	--	--	--	--
Industrial machinery, n.e.c.	--	3	--	--	--	--	--
Electronic and other electric equipment	3	--	4	3	--	--	--
Transportation equipment	8	9	4	6	--	--	--
Motor vehicles and equipment	--	4	--	--	--	--	--
Motor vehicle parts and accessories	--	4	--	--	--	--	--
Ship and boat building and repairing	4	3	--	--	--	--	--
Ship building and repairing	4	--	--	--	--	--	--
Transportation and public utilities	96	82	92	95	79	81	16.9
Railroad transportation	3	--	--	--	--	--	--
Railroads	3	--	--	--	--	--	--
Local and interurban passenger transit	5	6	15	8	8	6	1.3
Local and suburban transportation	--	--	4	--	--	--	--
Taxicabs	5	5	10	8	4	4	0.8
Trucking and warehousing	61	56	52	55	49	48	10.0
Trucking and courier services, except air	49	56	44	53	45	48	10.0
Local trucking without storage	26	21	25	25	19	33	6.9
Trucking, except local	14	26	7	23	16	15	3.1
Local trucking with storage	3	--	--	--	--	--	--
Courier services, except air	4	4	--	3	--	--	--
Public warehousing and storage	4	--	3	--	--	--	--
General warehousing and storage	3	--	3	--	--	--	--
Water transportation	9	3	4	3	--	6	1.3
Water transportation services	8	3	3	3	--	5	1.0
Marine cargo handling	5	--	--	--	--	5	1.0
Transportation by air	3	10	4	15	5	7	1.5

See footnotes at end of table.

TABLE A-4. Fatal occupational injuries by industry, California, 1997 to 2002 - continued

Industry ¹	1997 (number)	1998 (number)	1999 (number)	2000 (number)	2001 (number)	2002	
						Number	Percent
Air transportation, scheduled and air courier services	--	--	--	11	--	--	--
Air transportation, scheduled	--	--	--	6	--	--	--
Air courier services	--	--	--	5	--	--	--
Air transportation, nonscheduled	--	7	--	--	--	5	1.0
Airports, flying fields, and services	--	--	--	3	--	--	--
Airports, Flying Fields, and Airport Terminal Services (aircraft upholstery repair)	--	--	--	3	--	--	--
Transportation services	--	--	3	--	3	4	0.8
Freight transportation arrangement	--	--	--	--	--	3	0.6
Communications	3	--	3	3	8	5	1.0
Telephone communications	--	--	--	--	--	3	0.6
Electric, gas, and sanitary services	10	4	9	8	6	5	1.0
Electric services	--	--	--	--	--	3	0.6
Combination utility services	3	--	5	--	--	--	--
Electric and other services combined	--	--	4	--	--	--	--
Sanitary services	5	3	4	4	5	--	--
Refuse systems	5	--	3	3	5	--	--
Wholesale trade	29	20	18	17	21	9	1.9
Wholesale trade--durable goods	20	14	10	7	14	7	1.5
Lumber and construction materials	4	--	--	--	--	--	--
Brick, Stone, and Related Construction Materials	3	--	--	--	--	--	--
Electrical goods	--	--	--	--	5	--	--
Electrical Apparatus and Equipment, Wiring Supplies, and Construction Materials	--	--	--	--	5	--	--
Machinery, equipment, and supplies	--	5	--	--	--	--	--
Farm and Garden Machinery and Equipment	--	3	--	--	--	--	--
Miscellaneous durable goods	9	3	3	--	--	5	1.0
Toys and hobby goods and supplies	4	--	--	--	--	--	--
Scrap and waste materials	4	--	3	--	--	5	1.0
Wholesale trade--nondurable goods	9	6	8	10	7	--	--
Groceries and related products	7	5	3	6	3	--	--
Miscellaneous nondurable goods	--	--	4	--	--	--	--
Retail trade	87	78	56	60	45	43	9.0
Building materials and garden supplies	--	6	3	--	3	3	0.6
Lumber and other building materials	--	4	3	--	3	--	--
General merchandise stores	--	--	4	--	4	--	--
Food stores	26	15	10	13	8	7	1.5
Grocery stores	19	12	8	10	6	7	1.5
Retail bakeries	4	--	--	--	--	--	--
Automotive dealers and service stations	21	14	11	10	--	6	1.3
New and used car dealers	4	--	3	4	--	4	0.8
Auto and home supply stores	4	--	3	--	--	--	--
Gasoline service stations	8	6	3	--	--	--	--
Recreational vehicle dealers	3	--	--	--	--	--	--
Motorcycle dealers	--	3	--	--	--	--	--
Apparel and accessory stores	--	3	--	4	--	--	--
Furniture and homefurnishings stores	4	3	--	7	--	--	--
Furniture and homefurnishings stores	4	--	--	4	--	--	--
Furniture Stores	3	--	--	3	--	--	--
Eating and drinking places	16	16	16	5	13	7	1.5
Eating places	14	9	14	5	11	5	1.0
Drinking places	--	7	--	--	--	--	--
Miscellaneous retail	15	19	12	20	14	15	3.1
Liquor stores	7	7	3	4	4	4	0.8
Used merchandise stores	3	--	--	--	--	--	--
Miscellaneous shopping goods stores	--	6	5	7	3	4	0.8
Jewelry stores	--	3	3	4	--	--	--
Nonstore retailers	--	--	--	5	3	3	0.6
Direct selling establishments	--	--	--	5	3	3	0.6
Retail stores, n.e.c.	--	3	3	--	--	--	--
Miscellaneous Retail Stores, n.e.c.	--	--	3	--	--	--	--
Finance, insurance, and real estate	15	13	11	8	9	8	1.7
Insurance agents, brokers, and service	--	3	--	--	--	--	--
Real estate	10	7	9	7	8	5	1.0
Real estate operators and lessors	3	--	--	4	5	--	--
Real estate agents and managers	6	5	5	--	--	3	0.6

See footnotes at end of table.

TABLE A-4. Fatal occupational injuries by industry, California, 1997 to 2002 - continued

Industry ¹	1997 (number)	1998 (number)	1999 (number)	2000 (number)	2001 (number)	2002	
						Number	Percent
Services	113	107	93	100	93	81	16.9
Hotels and other lodging places	5	4	4	5	--	--	--
Hotels and motels	5	3	--	5	--	--	--
Personal services	6	7	6	4	--	6	1.3
Laundry, cleaning, and garment services	3	4	5	3	--	--	--
Business services	31	36	21	23	37	23	4.8
Services to buildings	5	6	3	7	4	3	0.6
Building cleaning and maintenance services, n.e.c.	4	5	3	7	3	--	--
Miscellaneous equipment rental and leasing	3	--	--	--	3	3	0.6
Heavy construction equipment rental and leasing	--	--	--	--	3	3	0.6
Personnel supply services	3	3	--	--	6	--	--
Help supply services	--	--	--	--	6	--	--
Computer and data processing services	--	3	3	--	--	--	--
Miscellaneous business services	16	19	13	14	21	14	2.9
Detective, guard, and armored car services	11	7	12	9	14	13	2.7
Security systems services	3	--	--	--	--	--	--
Business Services, n.e.c.	--	12	--	3	6	--	--
Auto repair, services, and parking	18	20	18	14	19	18	3.8
Automotive Repair Shops	11	13	11	6	3	11	2.3
Top, Body, and Upholstery Repair Shops and Paint Shops	--	--	4	--	--	--	--
General automotive repair shops	6	9	--	4	--	6	1.3
Automotive services, except repair	6	5	4	7	15	6	1.3
Automotive services, except repair and carwashes	5	5	3	7	15	4	0.8
Miscellaneous repair services	5	4	5	4	--	--	--
Miscellaneous repair shops	4	3	4	3	--	--	--
Motion pictures	8	--	--	7	--	--	--
Motion picture production and services	3	--	--	6	--	--	--
Motion Picture and Video Tape Production	--	--	--	6	--	--	--
Video tape rental	4	--	--	--	--	--	--
Amusement and recreation services	5	6	13	12	10	8	1.7
Commercial sports	--	--	--	3	4	3	0.6
Racing, including track operation	--	--	--	3	4	3	0.6
Miscellaneous amusement, recreation services	5	6	9	6	5	3	0.6
Membership sports and recreation clubs	--	--	3	3	--	--	--
Amusement and Recreation Services, n.e.c.	5	4	6	3	3	--	--
Health services	6	6	8	8	7	11	2.3
Offices and clinics of medical doctors	--	--	--	--	--	5	1.0
Nursing and personal care facilities	--	--	--	--	--	3	0.6
Hospitals	--	3	7	--	3	--	--
General medical and surgical hospitals	--	3	7	--	--	--	--
Health and allied services, n.e.c.	--	--	--	5	--	--	--
Kidney Dialysis Centers	--	--	--	3	--	--	--
Legal services	5	--	--	--	--	--	--
Educational services	3	7	3	7	3	--	--
Schools and educational services, n.e.c.	--	5	--	5	--	--	--
Social services	--	6	4	5	4	--	--
Individual and family services	--	--	--	5	--	--	--
Membership organizations	7	--	3	5	--	--	--
Religious organizations	4	--	3	5	--	--	--
Engineering and management services	6	--	5	5	--	4	0.8
Engineering and architectural services	3	--	--	--	--	--	--
Surveying services	3	--	--	--	--	--	--
Private households	5	6	--	--	--	--	--
Government²	78	88	79	53	56	63	13.2
Federal Government (including resident armed forces)	41	42	41	21	17	34	7.1
Transportation and public utilities	--	--	3	--	--	--	--
United States Postal Service	--	--	3	--	--	--	--
Public Administration	40	40	38	20	14	33	6.9
Environmental quality and housing	5	3	--	--	--	--	--
Administration of Environmental Quality Programs	5	3	--	--	--	--	--
Air and Water Resource and Solid Waste Management	3	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-4. Fatal occupational injuries by industry, California, 1997 to 2002 - continued

Industry ¹	1997 (number)	1998 (number)	1999 (number)	2000 (number)	2001 (number)	2002	
						Number	Percent
Administration of Economic Programs	--	3	--	--	--	--	--
Regulation of Agricultural Marketing and Commodities	--	3	--	--	--	--	--
National security and international affairs	32	31	32	13	14	28	5.9
National security	31	30	32	13	14	28	5.9
State Government	15	11	7	6	8	4	0.8
Services	--	3	--	--	--	--	--
Public Administration	14	6	4	4	7	4	0.8
Justice, public order, and safety	7	5	3	3	3	--	--
Public order and safety	7	5	3	3	3	--	--
Police protection	--	4	--	--	--	--	--
Correctional institutions	4	--	--	--	--	--	--
Administration of Economic Programs	5	--	--	--	--	--	--
Regulation and Administration of Transportation Programs	4	--	--	--	--	--	--
Local Government	22	33	31	25	27	23	4.8
Transportation and public utilities	--	7	3	--	3	3	0.6
Electric, gas, and sanitary services	--	5	--	--	--	--	--
Services	3	3	10	3	7	5	1.0
Educational services	3	--	7	3	5	3	0.6
Elementary and secondary schools	--	--	6	3	4	3	0.6
Public Administration	19	23	18	17	17	15	3.1
Justice, public order, and safety	15	22	14	14	14	10	2.1
Public order and safety	15	22	14	14	14	10	2.1
Police protection	12	14	9	11	12	8	1.7
Fire protection	3	8	5	--	--	--	--
Environmental quality and housing	--	--	--	--	--	3	0.6
Administration of Environmental Quality Programs	--	--	--	--	--	3	0.6
Air and Water Resource and Solid Waste Management	--	--	--	--	--	3	0.6

¹ Classified according to the *Standard Industrial Classification Manual, 1987*

² Includes fatalities at all establishments categorized as Mining (Division B) in the *Standard Industrial Classification Manual, 1987 Edition*, including establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction.

³ Includes fatalities to workers employed by governmental organizations regardless of industry.

NOTE: Totals for major categories may include subcategories not shown

separately. Percentages may not add to totals because of rounding.

Dashes indicate no data reported or data that do not meet publication criteria.

n.e.c. means "not elsewhere classified."

Data for 2002 are preliminary; data for previous years are final.

SOURCE: California Division of Labor Statistics and Research, in cooperation with the U.S. Bureau of Labor Statistics, Census of Fatal Occupational Injuries

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, California, 2002

Occupation ¹	Total fatalities (number)	Event or exposure ² (percent)					
		Transportation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful substances or environments	Fires and explosions
Total	478	42.3	20.1	13.0	12.1	10.5	1.9
Managerial and professional specialty	44	43.2	36.4	--	13.6	--	--
Executive, administrative, and managerial	18	27.8	50.0	--	16.7	--	--
Managers, properties and real estate	4	--	--	--	--	--	--
Managers and administrators, n.e.c.	5	60.0	--	--	--	--	--
Management related occupations	6	--	66.7	--	--	--	--
Professional specialty	26	53.8	26.9	--	11.5	--	--
Engineers, architects, and surveyors	4	75.0	--	--	--	--	--
Engineers	3	--	--	--	--	--	--
Natural scientists	3	--	--	--	--	--	--
Writers, artists, entertainers, and athletes	11	54.5	27.3	--	--	--	--
Photographers	3	--	--	--	--	--	--
Athletes	3	--	--	--	--	--	--
Technical, sales, and administrative support	57	36.8	47.4	--	7.0	5.3	--
Technicians and related support occupations	15	80.0	--	--	--	--	--
Health technologists and technicians	3	--	--	--	--	--	--
Technicians, except health, engineering, and science	10	100.0	--	--	--	--	--
Airplane pilots and navigators	10	100.0	--	--	--	--	--
Sales occupations	30	26.7	60.0	--	--	--	--
Supervisors and proprietors, sales occupations	18	--	77.8	--	--	--	--
Sales representatives, finance and business services	3	100.0	--	--	--	--	--
Sales workers, retail and personal services	7	--	57.1	--	--	--	--
News vendors	3	--	--	--	--	--	--
Administrative support occupations, including clerical	12	--	58.3	--	--	--	--
Supervisors, administrative support occupations	3	--	--	--	--	--	--
Information clerks	3	--	100.0	--	--	--	--
Service occupations	54	29.6	50.0	5.6	5.6	7.4	--
Protective service occupations	31	35.5	51.6	9.7	--	--	--
Firefighting and fire prevention occupations, including supervisors	5	--	--	--	--	--	--
Firefighting occupations	5	--	--	--	--	--	--
Police and detectives, including supervisors	11	45.5	45.5	--	--	--	--
Police and detectives, public services	5	60.0	--	--	--	--	--
Sheriffs, bailiffs, and other law enforcement officers	5	--	80.0	--	--	--	--
Guards, including supervisors	15	--	73.3	--	--	--	--
Guards and police, except public service	15	--	73.3	--	--	--	--
Service occupations, except protective and household	22	22.7	50.0	--	--	13.6	--
Food preparation and service occupations	7	--	57.1	--	--	--	--
Health service occupations	3	--	--	--	--	--	--
Cleaning and building service occupations, except household	5	--	--	--	--	--	--
Janitors and cleaners	4	--	--	--	--	--	--
Personal service occupations	7	--	57.1	--	--	--	--
Farming, forestry, and fishing	59	39.0	15.3	16.9	8.5	18.6	--
Farming operators and managers	8	--	--	50.0	--	--	--
Farmers, except horticultural	8	--	--	50.0	--	--	--
Other agricultural and related occupations	44	38.6	20.5	6.8	9.1	25.0	--
Farm occupations, except managerial	30	46.7	26.7	--	--	20.0	--
Supervisors, farm workers	3	--	--	--	--	--	--
Farm workers	26	46.2	26.9	--	--	19.2	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, California, 2002 - Continued

Occupation ¹	Total fatalities (number)	Event or exposure ² (percent)					
		Transportation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful substances or environments	Fires and explosions
Related agricultural occupations	14	21.4	--	--	28.6	35.7	--
Groundskeepers and gardeners, except farm	13	23.1	--	--	30.8	30.8	--
Forestry and logging occupations	6	66.7	--	--	--	--	--
Timber cutting and logging occupations	6	66.7	--	--	--	--	--
Precision production, craft, and repair	88	20.5	8.0	18.2	27.3	22.7	3.4
Mechanics and repairers	25	--	--	28.0	28.0	24.0	--
Mechanics and repairers, except supervisors	23	--	--	30.4	30.4	26.1	--
Vehicle and mobile equipment mechanics, repairers	13	--	--	38.5	--	23.1	--
Automobile mechanics and apprentices	6	--	--	50.0	--	--	--
Bus, truck, and stationary engine mechanics	3	--	--	--	--	--	--
Heavy equipment mechanics	3	--	--	--	--	--	--
Machinery maintenance occupations	3	--	--	--	--	--	--
Miscellaneous mechanics and repairers	3	--	--	--	--	--	--
Construction trades	50	26.0	--	12.0	30.0	28.0	--
Supervisors, construction occupations	11	54.5	--	27.3	--	--	--
Supervisors, n.e.c.	11	54.5	--	27.3	--	--	--
Construction trades, except supervisors	39	17.9	--	7.7	33.3	35.9	--
Carpenters and apprentices	9	--	--	--	55.6	--	--
Electricians and apprentices	9	--	--	--	33.3	55.6	--
Electrical power installers and repairers	4	--	--	--	--	--	--
Painters, construction and maintenance	4	--	--	--	75.0	--	--
Plumbers, pipefitters, steamfitters, and apprentices	3	--	--	--	--	--	--
Roofers	3	--	--	--	--	--	--
Precision production occupations	12	--	41.7	25.0	--	--	--
Precision metal working occupations	5	--	--	--	--	--	--
Operators, fabricators, and laborers	149	57.0	6.0	19.5	10.1	6.7	--
Machine operators, assemblers, and inspectors	15	--	20.0	33.3	--	--	--
Machine operators and tenders, except precision	11	--	27.3	36.4	--	--	--
Machine operators, assorted materials	8	--	37.5	--	--	--	--
Machine operators, not specified	3	--	--	--	--	--	--
Fabricators, assemblers, and hand working occupations	3	--	--	--	--	--	--
Welders and cutters	3	--	--	--	--	--	--
Transportation and material moving occupations	92	76.1	3.3	15.2	4.3	--	--
Motor vehicle operators	77	80.5	3.9	13.0	--	--	--
Truck drivers	65	81.5	--	13.8	--	--	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, California, 2002 - Continued

Occupation ¹	Total fatalities (number)	Event or exposure ² (percent)					
		Transportation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful substances or environments	Fires and explosions
Taxicab drivers and chauffeurs	5	--	--	--	--	--	--
Material moving equipment operators	14	50.0	--	28.6	--	--	--
Operating engineers	7	--	--	42.9	--	--	--
Industrial truck and tractor equipment operators	3	100.0	--	--	--	--	--
Handlers, equipment cleaners, helpers, and laborers	42	31.0	7.1	23.8	21.4	16.7	--
Helpers, construction and extractive occupations	4	--	--	--	--	--	--
Helpers, construction trades	4	--	--	--	--	--	--
Construction laborers	17	35.3	--	23.5	17.6	23.5	--
Freight, stock, and material handlers	4	--	--	--	--	--	--
Laborers, except construction	14	35.7	--	28.6	--	--	--
Military occupations	27	74.1	--	--	--	--	--

¹ Based on the 1990 Occupational Classification System developed by the Bureau of the Census.

² Based on the 1992 BLS Occupational Injury and Illness Classification Manual.

³ Includes highway, nonhighway, air, water, and rail fatalities.

⁴ Includes violence by persons, self-inflicted injury, and assaults by animals.

NOTE: Totals for major categories may include subcategories not shown separately. Percentages may not add to totals because of rounding.

Dashes indicate no data reported or data that do not meet publication criteria.

n.e.c. means "not elsewhere classified."

Data for 2002 are preliminary; data for previous years are final.

SOURCE: California Division of Labor Statistics and Research, in cooperation with the U.S. Bureau of Labor Statistics, Census of Fatal Occupational Injuries

TABLE A-6. Fatal occupational injuries resulting from transportation incidents and homicides by occupation, California, 2002

Occupation ¹	Total fatalities (number)	Transportation incidents (percent)					Homicides (percent)		
		Total	Highway Incidents	Non-Highway Incidents	Worker struck by Vehicle	All other transportation incidents	Total	Homicides by shooting	All other homicides
Total	478	42.3	23.2	4.0	8.8	6.3	13.2	10.3	2.9
Managerial and professional specialty	44	43.2	18.2	--	9.1	11.4	15.9	6.8	9.1
Executive, administrative, and managerial	18	27.8	16.7	--	--	--	22.2	--	--
Managers, properties and real estate	4	--	--	--	--	--	--	--	--
Managers and administrators, n.e.c.	5	60.0	--	--	--	--	--	--	--
Management related occupations	6	--	--	--	--	--	--	--	--
Professional specialty	26	53.8	19.2	--	11.5	15.4	11.5	--	--
Engineers, architects, and surveyors	4	75.0	--	--	--	--	--	--	--
Engineers	3	--	--	--	--	--	--	--	--
Natural scientists	3	--	--	--	--	--	--	--	--
Writers, artists, entertainers, and athletes	11	54.5	--	--	--	--	--	--	--
Photographers	3	--	--	--	--	--	--	--	--
Athletes	3	--	--	--	--	--	--	--	--
Technical, sales, and administrative support	57	36.8	14.0	--	--	19.3	36.8	33.3	--
Technicians and related support occupations	15	80.0	--	--	--	73.3	--	--	--
Health technologists and technicians	3	--	--	--	--	--	--	--	--
Technicians, except health, engineering, and science	10	100.0	--	--	--	100.0	--	--	--
Airplane pilots and navigators	10	100.0	--	--	--	100.0	--	--	--
Sales occupations	30	26.7	23.3	--	--	--	56.7	53.3	--
Supervisors and proprietors, sales occupations	18	--	--	--	--	--	72.2	66.7	--
Sales representatives, finance and business services	3	100.0	100.0	--	--	--	--	--	--
Sales workers, retail and personal services	7	--	--	--	--	--	57.1	57.1	--
News vendors	3	--	--	--	--	--	--	--	--
Administrative support occupations, including clerical	12	--	--	--	--	--	33.3	25.0	--
Supervisors, administrative support occupations	3	--	--	--	--	--	--	--	--
Information clerks	3	--	--	--	--	--	100.0	--	--
Service occupations	54	29.6	24.1	--	--	--	38.9	33.3	5.6
Protective service occupations	31	35.5	29.0	--	--	--	41.9	38.7	--
Firefighting and fire prevention occupations, including supervisors	5	--	--	--	--	--	--	--	--
Firefighting occupations	5	--	--	--	--	--	--	--	--
Police and detectives, including supervisors	11	45.5	36.4	--	--	--	36.4	36.4	--
Police and detectives, public services	5	60.0	--	--	--	--	--	--	--
Sheriffs, bailiffs, and other law enforcement officers	5	--	--	--	--	--	60.0	60.0	--
Guards, including supervisors	15	--	--	--	--	--	60.0	53.3	--
Guards and police, except public service	15	--	--	--	--	--	60.0	53.3	--
Service occupations, except protective and household	22	22.7	18.2	--	--	--	36.4	27.3	--
Food preparation and service occupations	7	--	--	--	--	--	57.1	57.1	--
Health service occupations	3	--	--	--	--	--	--	--	--
Cleaning and building service occupations, except household	5	--	--	--	--	--	--	--	--
Janitors and cleaners	4	--	--	--	--	--	--	--	--
Personal service occupations	7	--	--	--	--	--	--	--	--
Farming, forestry, and fishing	59	39.0	16.9	6.8	15.3	--	8.5	6.8	--
Farming operators and managers	8	--	--	--	--	--	--	--	--
Farmers, except horticultural	8	--	--	--	--	--	--	--	--
Other agricultural and related occupations	44	38.6	15.9	--	18.2	--	11.4	9.1	--
Farm occupations, except managerial	30	46.7	23.3	--	16.7	--	16.7	13.3	--
Supervisors, farm workers	3	--	--	--	--	--	--	--	--
Farm workers	26	46.2	23.1	--	19.2	--	15.4	--	--

See footnotes at end of table.

TABLE A-6. Fatal occupational injuries resulting from transportation incidents and homicides by occupation, California, 2002 - continued

Occupation ¹	Total fatalities (number)	Transportation incidents (percent)					Homicides (percent)		
		Total	Highway Incidents	Non-Highway Incidents	Worker struck by Vehicle	All other transportation incidents	Total	Homicides by shooting	All other homicides
Related agricultural occupations	14	21.4	--	--	21.4	--	--	--	--
Groundskeepers and gardeners, except farm	13	23.1	--	--	23.1	--	--	--	--
Forestry and logging occupations	6	66.7	--	--	--	--	--	--	--
Timber cutting and logging occupations	6	66.7	--	--	--	--	--	--	--
Precision production, craft, and repair	88	20.5	10.2	--	6.8	--	3.4	--	--
Mechanics and repairers	25	--	--	--	--	--	--	--	--
Mechanics and repairers, except supervisors	23	--	--	--	--	--	--	--	--
Vehicle and mobile equipment mechanics, repairers	13	--	--	--	--	--	--	--	--
Automobile mechanics and apprentices	6	--	--	--	--	--	--	--	--
Bus, truck, and stationary engine mechanics	3	--	--	--	--	--	--	--	--
Heavy equipment mechanics	3	--	--	--	--	--	--	--	--
Machinery maintenance occupations	3	--	--	--	--	--	--	--	--
Miscellaneous mechanics and repairers	3	--	--	--	--	--	--	--	--
Construction trades	50	26.0	14.0	--	10.0	--	--	--	--
Supervisors, construction occupations	11	54.5	--	--	27.3	--	--	--	--
Supervisors, n.e.c.	11	54.5	--	--	27.3	--	--	--	--
Construction trades, except supervisors	39	17.9	12.8	--	--	--	--	--	--
Carpenters and apprentices	9	--	--	--	--	--	--	--	--
Electricians and apprentices	9	--	--	--	--	--	--	--	--
Electrical power installers and repairers	4	--	--	--	--	--	--	--	--
Painters, construction and maintenance	4	--	--	--	--	--	--	--	--
Plumbers, pipefitters, steamfitters, and apprentices	3	--	--	--	--	--	--	--	--
Roofers	3	--	--	--	--	--	--	--	--
Precision production occupations	12	--	--	--	--	--	25.0	--	--
Precision metal working occupations	5	--	--	--	--	--	--	--	--
Operators, fabricators, and laborers	149	57.0	36.9	4.0	12.8	3.4	4.0	2.0	2.0
Machine operators, assemblers, and inspectors	15	--	--	--	--	--	--	--	--
Machine operators and tenders, except precision	11	--	--	--	--	--	--	--	--
Machine operators, assorted materials	8	--	--	--	--	--	--	--	--
Machine operators, not specified	3	--	--	--	--	--	--	--	--
Fabricators, assemblers, and hand working occupations	3	--	--	--	--	--	--	--	--
Welders and cutters	3	--	--	--	--	--	--	--	--
Transportation and material moving occupations	92	76.1	53.3	4.3	13.0	5.4	--	--	--
Motor vehicle operators	77	80.5	62.3	--	11.7	5.2	--	--	--
Truck drivers	65	81.5	61.5	--	12.3	6.2	--	--	--
Taxicab drivers and chauffeurs	5	--	--	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-6. Fatal occupational injuries resulting from transportation incidents and homicides by occupation, California, 2002 - continued

Occupation ¹	Total fatalities (number)	Transportation incidents (percent)					Homicides (percent)		
		Total	Highway Incidents	Non-Highway Incidents	Worker struck by Vehicle	All other transportation incidents	Total	Homicides by shooting	All other homicides
Material moving equipment operators	14	50.0	--	21.4	21.4	--	--	--	--
Operating engineers	7	--	--	--	--	--	--	--	--
Industrial truck and tractor equipment operators	3	100.0	--	100.0	--	--	--	--	--
Handlers, equipment cleaners, helpers, and laborers	42	31.0	11.9	--	14.3	--	--	--	--
Helpers, construction and extractive occupations	4	--	--	--	--	--	--	--	--
Helpers, construction trades	4	--	--	--	--	--	--	--	--
Construction laborers	17	35.3	17.6	--	17.6	--	--	--	--
Freight, stock, and material handlers	4	--	--	--	--	--	--	--	--
Laborers, except construction	14	35.7	--	--	--	--	--	--	--
Military occupations	27	74.1	29.6	14.8	--	25.9	--	--	--

¹ Based on the 1990 Occupational Classification System developed by the Bureau of the Census.

NOTE: Totals for major categories may include subcategories not shown separately. Percentages may not add to totals because of rounding.
Dashes indicate no data reported or data that do not meet publication criteria.

n.e.c. means "not elsewhere classified."

Data for 2002 are preliminary; data for previous years are final.

SOURCE: California Division of Labor Statistics and Research, in cooperation with the U.S. Bureau of Labor Statistics, Census of Fatal Occupational Injuries

Table A-7. Fatal occupational injuries by worker characteristics and event or exposure, California, 2002

Worker characteristics	Total fatalities (number)	Event or exposure ¹ (percent)					
		Transportation incidents ²	Assaults and violent acts ³	Contact with objects and equipment	Falls	Exposure to harmful substances or environments	Fires and explosions
Total	478	42.3	20.1	13.0	12.1	10.5	1.9
Employee Status							
Wage and Salary Workers ⁴	389	45.2	18.0	12.1	11.8	10.8	1.8
Self-employed ⁵	89	29.2	29.2	16.9	13.5	9.0	--
Sex							
Men	435	42.8	18.2	13.8	12.6	10.3	2.1
Women	43	37.2	39.5	--	7.0	11.6	--
Age							
Under 16 years	--	--	--	--	--	--	--
16 to 17 years	--	--	--	--	--	--	--
18 to 19 years	8	50.0	--	--	--	--	--
20 to 24 years	36	52.8	19.4	8.3	--	16.7	--
25 to 34 years	92	40.2	25.0	14.1	7.6	10.9	--
35 to 44 years	151	42.4	17.2	10.6	11.9	15.9	2.0
45 to 54 years	94	39.4	24.5	14.9	11.7	6.4	3.2
55 to 64 years	56	42.9	19.6	12.5	23.2	--	--
65 years and over	40	40.0	15.0	20.0	20.0	--	--
Race or Ethnic Origin							
White, non-Hispanic ⁶	237	49.8	16.0	11.8	11.0	8.9	2.1
Black, non-Hispanic ⁶	29	27.6	27.6	10.3	24.1	--	--
Hispanic or Latin ⁶	176	36.4	20.5	14.8	12.5	14.8	--
American Indian or Alaska Native	--	--	--	--	--	--	--
Asian or Pacific Islander	31	35.5	38.7	9.7	9.7	--	--
Asian	31	35.5	38.7	9.7	9.7	--	--
Native Hawaiian or Pacific Islander	--	--	--	--	--	--	--

¹ Based on the 1992 BLS Occupational Injury and Illness Classification Manual.

² Includes highway, nonhighway, air, water, and rail fatalities.

³ Includes violence by persons, self-inflicted injury, and assaults by animals.

⁴ May include volunteers and other workers receiving compensation.

⁵ Includes paid and unpaid family workers, and may include owners of incorporated businesses, or members of partnerships.

⁶ For years prior to 2000, the race categories White and

Black include Hispanic workers. For years 2000 and later, the race categories White and Black exclude Hispanic workers.

NOTE: Totals for major categories may include subcategories not shown separately. Percentages may not add to totals because of rounding.

Dashes indicate no data reported or data that do not meet publication criteria.

Data for 2002 are preliminary; data for previous years are final.

SOURCE: California Division of Labor Statistics and Research, in cooperation with the U.S. Bureau of Labor Statistics, Census of Fatal Occupational Injuries

TABLE A-8. Fatal occupational injuries by event or exposure and age, California, 2002

Event or exposure ¹	Total fatalities (number)	Age (percent)								
		Under 16 years	16-17 years	18-19 years	20-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65 years and over
Total	478	--	--	1.7	7.5	19.2	31.6	19.7	11.7	8.4
Transportation incidents	202	--	--	2.0	9.4	18.3	31.7	18.3	11.9	7.9
Highway incident	111	--	--	--	9.0	17.1	33.3	20.7	10.8	6.3
Collision between vehicles, mobile equipment	61	--	--	--	4.9	13.1	36.1	19.7	14.8	8.2
Collision between vehicles, mobile equipment, unspecified	8	--	--	--	--	--	--	--	--	--
Moving in same direction	14	--	--	--	--	--	42.9	21.4	--	--
Moving in opposite directions, oncoming	17	--	--	--	--	17.6	29.4	17.6	17.6	--
Moving in intersection	14	--	--	--	--	--	42.9	--	--	--
Moving and standing vehicle, mobile equipment--in roadway	6	--	--	--	--	--	50.0	--	--	--
Vehicle struck stationary object, equipment on side of road	9	--	--	--	--	--	66.7	--	--	--
Noncollision incident	38	--	--	--	15.8	21.1	23.7	23.7	7.9	--
Jack-knifed or overturned--no collision	30	--	--	--	20.0	20.0	20.0	23.3	10.0	--
Ran off highway--no collision	5	--	--	--	--	--	--	--	--	--
Noncollision incident, n.e.c.	3	--	--	--	--	--	--	--	--	--
Nonhighway incident, except rail, air, water	19	--	--	--	26.3	--	31.6	15.8	--	15.8
Noncollision incident	17	--	--	--	29.4	--	29.4	--	--	17.6
Fall from moving vehicle, mobile equipment	4	--	--	--	--	--	--	--	--	--
Overtaken	10	--	--	--	30.0	--	40.0	--	--	--
Pedestrian, nonpassenger struck by vehicle, mobile equipment	42	--	--	--	7.1	14.3	33.3	14.3	14.3	11.9
Pedestrian struck by vehicle, mobile equipment in roadway	13	--	--	--	--	23.1	--	--	23.1	--
Pedestrian struck by vehicle, mobile equipment on side of road	5	--	--	--	--	--	80.0	--	--	--
Pedestrian struck by vehicle, mobile equipment in parking lot or non-roadway area	23	--	--	--	--	--	30.4	17.4	13.0	13.0
Railway incident	4	--	--	--	--	--	--	--	--	--
Collision between railway vehicle and other vehicle	4	--	--	--	--	--	--	--	--	--
Aircraft incident	22	--	--	--	--	36.4	18.2	22.7	13.6	--
During takeoff or landing	7	--	--	--	--	--	--	--	--	--
Aircraft incident, n.e.c.	15	--	--	--	--	40.0	--	20.0	--	--
Assaults and violent acts	96	--	--	--	7.3	24.0	27.1	24.0	11.5	6.3
Homicides	63	--	--	--	--	25.4	31.7	22.2	9.5	7.9
Hitting, kicking, beating	5	--	--	--	--	--	--	--	--	--
Shooting	49	--	--	--	--	28.6	34.7	26.5	6.1	--
Stabbing	5	--	--	--	--	--	--	--	--	--
Self-inflicted injury	31	--	--	--	12.9	19.4	19.4	29.0	16.1	--
Suicide, attempted suicide	30	--	--	--	10.0	20.0	20.0	30.0	16.7	--
Contact with objects and equipment	62	--	--	--	4.8	21.0	25.8	22.6	11.3	12.9
Struck by object	35	--	--	--	--	20.0	17.1	22.9	14.3	22.9
Struck by object, unspecified	3	--	--	--	--	--	--	--	--	--
Struck by falling object	10	--	--	--	--	--	30.0	--	--	30.0
Struck by flying object	4	--	--	--	--	--	--	--	--	--
Struck by discharged object or substance	3	--	--	--	--	--	--	--	--	--
Struck by rolling, sliding objects on floor or ground level	14	--	--	--	--	--	21.4	--	21.4	28.6
Struck by object, n.e.c.	3	--	--	--	--	--	--	--	--	--
Caught in or compressed by equipment or objects	19	--	--	--	--	26.3	36.8	26.3	--	--
Caught in running equipment or machinery	6	--	--	--	--	--	--	50.0	--	--

See footnotes at end of table.

TABLE A-8. Fatal occupational injuries by event or exposure and age, California, 2002 - continued

Event or exposure ¹	Total fatalities (number)	Age (percent)								
		Under 16 years	16-17 years	18-19 years	20-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65 years and over
Compressed or pinched by rolling, sliding, or shifting objects	7	--	--	--	--	--	42.9	--	--	--
Caught in or compressed by equipment or objects, n.e.c.	5	--	--	--	--	--	60.0	--	--	--
Caught in or crushed in collapsing materials	7	--	--	--	--	--	42.9	--	--	--
Excavation or trenching cave-in	3	--	--	--	--	--	--	--	--	--
Falls	58	--	--	--	--	12.1	31.0	19.0	22.4	13.8
Fall, unspecified	6	--	--	--	--	--	--	--	--	--
Fall to lower level	43	--	--	--	--	11.6	32.6	20.9	25.6	7.0
Fall from ladder	13	--	--	--	--	--	30.8	23.1	30.8	--
Fall from roof	9	--	--	--	--	--	44.4	--	--	--
Fall through skylight	4	--	--	--	--	--	--	--	--	--
Fall from scaffold, staging	5	--	--	--	--	--	--	--	60.0	--
Fall to lower level, n.e.c.	10	--	--	--	--	--	30.0	30.0	--	--
Fall on same level	8	--	--	--	--	--	--	--	--	37.5
Fall to floor, walkway, or other surface	7	--	--	--	--	--	--	--	--	42.9
Exposure to harmful substances or environments	50	--	--	--	12.0	20.0	48.0	12.0	--	--
Contact with electric current	21	--	--	--	--	19.0	61.9	--	--	--
Contact with electric current of machine, tool, appliance, or light fixture	3	--	--	--	--	--	--	--	--	--
Contact with wiring, transformers, or other electrical components	13	--	--	--	--	--	61.5	--	--	--
Contact with overhead power lines	4	--	--	--	--	--	--	--	--	--
Contact with temperature extremes	4	--	--	--	--	--	--	--	--	--
Exposure to environmental heat	4	--	--	--	--	--	--	--	--	--
Exposure to caustic, noxious, or allergenic substances	12	--	--	--	--	--	50.0	--	--	--
Inhalation of substance	3	--	--	--	--	--	--	--	--	--
Inhalation in open or nonconfined space	3	--	--	--	--	--	--	--	--	--
Ingestion of substance	8	--	--	--	--	--	75.0	--	--	--
Oxygen deficiency, n.e.c.	13	--	--	--	--	23.1	38.5	--	--	--
Drowning, submersion	7	--	--	--	--	--	42.9	--	--	--
Choking on object or substance	3	--	--	--	--	--	--	--	--	--
Fires and explosions	9	--	--	--	--	--	33.3	33.3	--	--
Fire--unintended or uncontrolled	5	--	--	--	--	--	--	60.0	--	--

¹ Based on the 1992 BLS Occupational Injury and Illness Classification Manual.

NOTE: Totals for major categories may include subcategories not shown separately. Percentages may not add to totals because of rounding.

Dashes indicate no data reported or data that do not meet publication criteria.

n.e.c. means "not elsewhere classified."

Data for 2002 are preliminary; data for previous years are final.

SOURCE: California Division of Labor Statistics and Research, in cooperation with the U.S. Bureau of Labor Statistics, Census of Fatal Occupational Injuries

TABLE A-9. Fatal occupational injuries by event or exposure and major private industry division, California, 2002

Event or exposure ¹	Total fatalities (number)	Private Industry ² (percent)								
		Agriculture, forestry, and fishing	Mining ³	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services
Total	478	12.6	1.0	16.3	10.5	16.9	1.9	9.0	1.7	16.9
Transportation incidents	202	12.9	--	11.9	9.9	28.7	--	4.5	--	12.9
Highway incident	111	9.0	--	11.7	8.1	31.5	--	6.3	--	13.5
Collision between vehicles, mobile equipment	61	11.5	--	11.5	8.2	26.2	--	11.5	--	11.5
Collision between vehicles, mobile equipment, unspecified	8	--	--	--	--	--	--	--	--	--
Moving in same direction	14	--	--	--	--	42.9	--	--	--	21.4
Moving in opposite directions, oncoming	17	--	--	17.6	--	35.3	--	--	--	--
Moving in intersection	14	--	--	--	--	--	--	--	--	--
Moving and standing vehicle, mobile equipment--in roadway	6	--	--	--	50.0	--	--	--	--	--
Vehicle struck stationary object, equipment on side of road	9	--	--	--	--	66.7	--	--	--	--
Noncollision incident	38	7.9	--	10.5	--	31.6	--	--	--	18.4
Jack-knifed or overturned--no collision	30	10.0	--	--	--	26.7	--	--	--	20.0
Ran off highway--no collision	5	--	--	--	--	60.0	--	--	--	--
Noncollision incident, n.e.c.	3	--	--	--	--	--	--	--	--	--
Nonhighway incident, except rail, air, water	19	21.1	--	15.8	15.8	--	--	--	--	15.8
Noncollision incident	17	23.5	--	17.6	17.6	--	--	--	--	--
Fall from moving vehicle, mobile equipment	4	--	--	--	--	--	--	--	--	--
Overturned	10	--	--	--	--	--	--	--	--	--
Pedestrian, nonpassenger struck by vehicle, mobile equipment	42	19.0	--	19.0	9.5	28.6	--	--	--	9.5
Pedestrian struck by vehicle, mobile equipment in roadway	13	--	--	38.5	--	23.1	--	--	--	--
Pedestrian struck by vehicle, mobile equipment on side of road	5	--	--	--	--	--	--	--	--	60.0
Pedestrian struck by vehicle, mobile equipment in parking lot or non-roadway area	23	21.7	--	--	17.4	39.1	--	--	--	--
Railway incident	4	--	--	--	--	75.0	--	--	--	--
Collision between railway vehicle and other vehicle	4	--	--	--	--	75.0	--	--	--	--
Aircraft incident	22	--	--	--	--	27.3	--	--	--	18.2
During takeoff or landing	7	--	--	--	--	--	--	--	--	--
Aircraft incident, n.e.c.	15	--	--	--	--	--	--	--	--	20.0
Assaults and violent acts	96	8.3	--	--	7.3	6.3	--	26.0	5.2	31.3
Homicides	63	7.9	--	--	6.3	6.3	--	36.5	4.8	25.4
Hitting, kicking, beating	5	--	--	--	--	--	--	--	--	60.0
Shooting	49	8.2	--	--	--	8.2	--	44.9	--	24.5
Stabbing	5	--	--	--	--	--	--	--	--	--
Self-inflicted injury	31	--	--	--	9.7	--	--	--	--	45.2
Suicide, attempted suicide	30	--	--	--	10.0	--	--	--	--	43.3
Contact with objects and equipment	62	14.5	--	21.0	14.5	14.5	8.1	4.8	--	14.5
Struck by object	35	20.0	--	--	11.4	17.1	11.4	8.6	--	14.3
Struck by object, unspecified	3	--	--	--	--	--	--	--	--	--
Struck by falling object	10	--	--	--	--	--	--	--	--	--
Struck by flying object	4	--	--	--	--	--	--	--	--	--
Struck by discharged object or substance	3	--	--	--	--	--	--	--	--	--
Struck by rolling, sliding objects on floor or ground level	14	21.4	--	--	--	21.4	--	--	--	21.4
Struck by object, n.e.c.	3	--	--	--	--	--	--	--	--	--
Caught in or compressed by equipment or objects	19	--	--	36.8	26.3	--	--	--	--	15.8
Caught in running equipment or machinery	6	--	--	50.0	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-9. Fatal occupational injuries by event or exposure and major private industry division, California, 2002 - continued

Event or exposure ¹	Total fatalities (number)	Private Industry ² (percent)								
		Agriculture, forestry, and fishing	Mining ³	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services
Compressed or pinched by rolling, sliding, or shifting objects	7	--	--	--	--	--	--	--	--	42.9
Caught in or compressed by equipment or objects, n.e.c.	5	--	--		60.0	--	--	--	--	--
Caught in or crushed in collapsing materials	7	--	--	57.1	--	--	--	--	--	--
Excavation or trenching cave-in	3	--	--	100.0	--	--	--	--	--	--
Falls	58	8.6	--	36.2	12.1	10.3	--	--	--	13.8
Fall, unspecified	6	--	--	--	--	--	--	--	--	--
Fall to lower level	43	9.3	--	48.8	14.0	7.0	--	--	--	--
Fall from ladder	13	--	--	61.5	--	--	--	--	--	--
Fall from roof	9	--	--	77.8	--	--	--	--	--	--
Fall through skylight	4	--	--	75.0	--	--	--	--	--	--
Fall from scaffold, staging	5	--	--	60.0	--	--	--	--	--	--
Fall to lower level, n.e.c.	10	30.0	--	--	30.0	--	--	--	--	--
Fall on same level	8	--	--	--	--	--	--	--	--	37.5
Fall to floor, walkway, or other surface	7	--	--	--	--	--	--	--	--	--
Exposure to harmful substances or environments	50	22.0	--	34.0	12.0	--	--	8.0	--	14.0
Contact with electric current	21	19.0	--	52.4	--	--	--	--	--	--
Contact with electric current of machine, tool, appliance, or light fixture	3	--	--	--	--	--	--	--	--	--
Contact with wiring, transformers, or other electrical components	13	--	--	69.2	--	--	--	--	--	--
Contact with overhead power lines	4	--	--	--	--	--	--	--	--	--
Contact with temperature extremes	4	75.0	--	--	--	--	--	--	--	--
Exposure to environmental heat	4	75.0	--	--	--	--	--	--	--	--
Exposure to caustic, noxious, or allergenic substances	12	--	--	33.3	--	--	--	--	--	--
Inhalation of substance	3	--	--	--	--	--	--	--	--	--
Inhalation in open or nonconfined space	3	--	--	--	--	--	--	--	--	--
Ingestion of substance	8	--	--	50.0	--	--	--	--	--	--
Oxygen deficiency, n.e.c.	13	23.1	--	--	--	--	--	--	--	38.5
Drowning, submersion	7	42.9	--	--	--	--	--	--	--	42.9
Choking on object or substance	3	--	--	--	--	--	--	--	--	--
Fires and explosions	9	--	--	--	--	--	--	--	--	--
Fire--unintended or uncontrolled	5	--	--	--	--	--	--	--	--	--

¹ Based on the 1992 BLS Occupational Injury and Illness Classification Manual.

² Classified according to the *Standard Industrial Classification Manual, 1987*

³ Includes fatalities at all establishments categorized as Mining (Division B) in the Standard Industrial Classification Manual, 1987 Edition, including establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction.

NOTE: Totals for major categories may include subcategories not shown separately. Percentages may not add to totals because of rounding.

Dashes indicate no data reported or data that do not meet publication criteria.

n.e.c. means "not elsewhere classified."

Data for 2002 are preliminary; data for previous years are final.

SOURCE : California Division of Labor Statistics and Research, in cooperation with the U.S. Bureau of Labor Statistics, Census of Fatal Occupational Injuries

TABLE A-10. Fatal occupational injuries by primary and secondary source of injury by major private industry division, California, 2002

Primary source and secondary source	Total fatalities (number)	Private Industry ¹ (percent)								
		Agricul- ture, forestry, and fishing	Mining ²	Construc- tion	Manufac- turing	Transpor- tation and public utilities	Whole- sale trade	Retail trade	Finance, insur- ance, and real estate	Services
Total	478	12.6	1.0	16.3	10.5	16.9	1.9	9.0	1.7	16.9
Primary source³										
Vehicles	214	12.6	--	10.3	9.3	29.4	--	4.7	--	15.4
Air vehicle	22	--	--	--	--	27.3	--	--	--	18.2
Aircraft--powered fixed wing	12	--	--	--	--	--	--	--	--	--
Propeller-driven aircraft	8	--	--	--	--	--	--	--	--	--
Aircraft--powered rotary wing	9	--	--	--	--	--	--	--	--	--
Helicopter	9	--	--	--	--	--	--	--	--	--
Highway vehicle, motorized	161	8.1	--	12.4	6.8	31.7	--	6.2	--	17.4
Highway vehicle, unspecified	4	--	--	--	--	--	--	--	--	--
Automobile	33	--	--	15.2	--	15.2	--	9.1	--	24.2
Bus	3	--	--	--	--	--	--	--	--	--
Motorcycle, moped	4	--	--	--	--	--	--	--	--	--
Truck	106	9.4	--	12.3	7.5	39.6	--	6.6	--	11.3
Truck, unspecified	6	--	--	--	--	66.7	--	--	--	--
Dump truck	4	--	--	--	--	--	--	--	--	--
Pickup truck	21	38.1	--	19.0	--	--	--	--	--	33.3
Semitrailer, tractor trailer, trailer truck	47	--	--	--	10.6	72.3	--	--	--	--
Truck, n.e.c.	26	--	--	15.4	--	--	--	--	--	11.5
Van--passenger or light delivery	10	--	--	--	--	--	--	--	--	40.0
Plant and industrial powered vehicles, tractors	23	43.5	--	--	21.7	13.0	--	--	--	--
Forklift	11	--	--	--	36.4	27.3	--	--	--	--
Forklift, unspecified	8	--	--	--	50.0	--	--	--	--	--
Tractor	11	81.8	--	--	--	--	--	--	--	--
Structures and surfaces	63	9.5	--	34.9	12.7	9.5	--	--	--	12.7
Floors, walkways, ground surfaces	56	8.9	--	33.9	14.3	10.7	--	--	--	12.5
Floors, walkways, ground surfaces, unspecified	4	--	--	--	--	--	--	--	--	--
Floors	19	--	--	31.6	15.8	--	--	--	--	21.1
Floor of building	17	--	--	35.3	--	--	--	--	--	23.5
Ground	24	12.5	--	37.5	12.5	12.5	--	--	--	12.5
Sidewalks, paths, outdoor walkways	4	--	--	--	--	--	--	--	--	--
Other structural elements	3	--	--	--	--	--	--	--	--	--
Structures	3	--	--	--	--	--	--	--	--	--
Machinery	20	15.0	--	40.0	20.0	--	--	--	--	--
Construction, logging, and mining machinery	11	--	--	63.6	--	--	--	--	--	--
Excavating machinery	5	--	--	100.0	--	--	--	--	--	--
Loaders	3	--	--	--	--	--	--	--	--	--
Material handling machinery	5	--	--	--	--	--	--	--	--	--
Parts and materials	36	8.3	--	38.9	11.1	8.3	--	11.1	--	8.3
Building materials--solid elements	3	--	--	--	--	--	--	--	--	--
Fasteners, connectors, ropes, ties	9	--	--	--	--	--	--	--	--	--
Ropes, ties	9	--	--	--	--	--	--	--	--	--
Rope, twine, string	6	--	--	--	--	--	--	--	--	--
Machine, tool, and electric parts	21	--	--	57.1	--	--	--	--	--	--
Electric parts	21	--	--	57.1	--	--	--	--	--	--
Electrical wiring	12	--	--	66.7	--	--	--	--	--	--
Power lines, transformers, convertors	6	--	--	--	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-10. Fatal occupational injuries by primary and secondary source of injury by major private industry division, California, 2002 - continued

Primary source and secondary source	Total fatalities (number)	Private Industry ¹ (percent)								
		Agricul- ture, forestry, and fishing	Mining ²	Construc- tion	Manufac- turing	Transpor- tation and public utilities	Whole- sale trade	Retail trade	Finance, insur- ance, and real estate	Services
Persons, plants, animals, and minerals	19	21.1	--	21.1	--	--	--	--	--	26.3
Animals and animal products	3	--	--	--	--	--	--	--	--	--
Food products--fresh or processed	4	--	--	--	--	--	--	--	--	--
Nonmetallic minerals, except fuel	3	--	--	100.0	--	--	--	--	--	--
Person--other than injured or ill worker	6	--	--	--	--	--	--	--	--	50.0
Plants, trees, vegetation--not processed	3	--	--	--	--	--	--	--	--	--
Trees, logs	3	--	--	--	--	--	--	--	--	--
Chemicals and chemical products	13	--	--	30.8	--	--	--	--	--	23.1
Chemical products--general	8	--	--	50.0	--	--	--	--	--	--
Drugs, alcohol, medicines	8	--	--	50.0	--	--	--	--	--	--
Drugs--nonmedicinal	7	--	--	57.1	--	--	--	--	--	--
Tools, instruments, and equipment	13	23.1	--	--	--	--	--	--	--	--
Handtools--nonpowered	7	--	--	--	--	--	--	--	--	--
Cutting handtools--nonpowered	3	--	--	--	--	--	--	--	--	--
Knives	3	--	--	--	--	--	--	--	--	--
Containers	7	--	--	--	--	--	--	--	--	--
Containers--nonpressurized	7	--	--	--	--	--	--	--	--	--
Boxes, crates, cartons	3	--	--	--	--	--	--	--	--	--
Other sources	91	13.2	--	3.3	7.7	5.5	--	24.2	4.4	27.5
Ammunition	69	7.2	--	--	--	5.8	--	31.9	4.3	30.4
Bullets	63	7.9	--	--	--	6.3	--	33.3	4.8	30.2
Atmospheric and environmental conditions	12	33.3	--	--	33.3	--	--	--	--	--
Fire, flame, smoke	5	--	--	--	--	--	--	--	--	--
Fire, flame	4	--	--	--	--	--	--	--	--	--
Temperature extremes--environmental	4	75.0	--	--	--	--	--	--	--	--
Heat--environmental	4	75.0	--	--	--	--	--	--	--	--
Steam, vapors, liquids, n.e.c.	7	42.9	--	--	--	--	--	--	--	42.9
Liquids	7	42.9	--	--	--	--	--	--	--	42.9
Water	7	42.9	--	--	--	--	--	--	--	42.9
Secondary source⁴										
Vehicles	79	11.4	--	10.1	6.3	30.4	--	11.4	--	13.9
Highway vehicle, motorized	69	13.0	--	10.1	7.2	29.0	--	10.1	--	13.0
Highway vehicle, unspecified	3	--	--	--	--	--	--	--	--	--
Automobile	12	--	--	25.0	--	25.0	--	--	--	--
Truck	50	18.0	--	8.0	10.0	32.0	--	12.0	--	8.0
Truck, unspecified	3	--	--	--	--	--	--	--	--	--
Pickup truck	8	--	--	--	--	--	--	--	--	--
Semitrailer, tractor trailer, trailer truck	27	11.1	--	--	11.1	44.4	--	14.8	--	--
Truck, n.e.c.	12	--	--	25.0	--	--	--	--	--	--
Plant and industrial powered vehicles, tractors	3	--	--	--	--	--	--	--	--	--
Forklift	3	--	--	--	--	--	--	--	--	--
Rail vehicle	4	--	--	--	--	75.0	--	--	--	--
Train	4	--	--	--	--	75.0	--	--	--	--
Structures and surfaces	63	7.9	--	23.8	12.7	19.0	--	--	--	12.7
Floors, walkways, ground surfaces	27	--	--	11.1	11.1	18.5	--	--	--	14.8
Ground	20	--	--	--	--	25.0	--	--	--	--
Other structural elements	15	--	--	40.0	20.0	--	--	--	--	--
Roof	5	--	--	60.0	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-10. Fatal occupational injuries by primary and secondary source of injury by major private industry division, California, 2002 - continued

Primary source and secondary source	Total fatalities (number)	Private Industry ¹ (percent)								
		Agricul- ture, forestry, and fishing	Mining ²	Construc- tion	Manufac- turing	Transpor- tation and public utilities	Whole- sale trade	Retail trade	Finance, insur- ance, and real estate	Services
Skylights	4	--	--	75.0	--	--	--	--	--	--
Structures	21	--	--	28.6	--	33.3	--	--	--	--
Bridges, dams, locks	4	--	--	--	--	--	--	--	--	--
Pools	4	--	--	--	--	--	--	--	--	--
Scaffolds, staging	5	--	--	60.0	--	--	--	--	--	--
Scaffolds--staging, unspecified	4	--	--	75.0	--	--	--	--	--	--
Towers, poles	4	--	--	--	--	--	--	--	--	--
Other structures	4	--	--	--	--	--	--	--	--	--
Guardrails, road dividers	4	--	--	--	--	--	--	--	--	--
Machinery	14	--	--	21.4	--	--	--	--	--	35.7
Material handling machinery	10	--	--	30.0	--	--	--	--	--	50.0
Cranes	3	--	--	--	--	--	--	--	--	--
Jacks	4	--	--	--	--	--	--	--	--	75.0
Jacks, unspecified	4	--	--	--	--	--	--	--	--	75.0
Parts and materials	9	33.3	--	--	--	33.3	--	--	--	--
Building materials--solid elements	4	--	--	--	--	--	--	--	--	--
Pipes, ducts, tubing	3	--	--	--	--	--	--	--	--	--
Pipes, ducts, tubing, unspecified	3	--	--	--	--	--	--	--	--	--
Machine, tool, and electric parts	3	--	--	--	--	--	--	--	--	--
Electric parts	3	--	--	--	--	--	--	--	--	--
Persons, plants, animals, and minerals	67	13.4	--	--	7.5	9.0	--	34.3	--	20.9
Person--other than injured or ill worker	57	8.8	--	--	7.0	7.0	--	40.4	--	22.8
Person--other than injured or ill worker, unspecified	21	--	--	--	--	--	--	38.1	--	23.8
Co-worker, former co-worker of injured or ill worker	7	--	--	--	--	--	--	--	--	--
Relative of injured or ill worker	4	--	--	--	--	--	--	--	--	--
Robber	17	--	--	--	--	--	--	64.7	--	17.6
Person--other than injured or ill worker, n.e.c.	8	--	--	--	--	--	--	--	--	--
Plants, trees, vegetation--not processed	8	50.0	--	--	--	--	--	--	--	--
Trees, logs	8	50.0	--	--	--	--	--	--	--	--
Tools, instruments, and equipment	34	8.8	--	26.5	--	--	--	--	--	29.4
Ladders	15	--	--	60.0	--	--	--	--	--	--
Ladders, unspecified	8	--	--	37.5	--	--	--	--	--	--
Ladders--movable	5	--	--	100.0	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-10. Fatal occupational injuries by primary and secondary source of injury by major private industry division, California, 2002 - continued

Primary source and secondary source	Total fatalities (number)	Private Industry ¹ (percent)								
		Agricul- ture, forestry, and fishing	Mining ²	Construc- tion	Manufac- turing	Transpor- tation and public utilities	Whole- sale trade	Retail trade	Finance, insur- ance, and real estate	Services
Extension ladders	4	--	--	100.0	--	--	--	--	--	--
Other tools, instruments, and equipment	17	--	--	--	--	--	--	--	--	52.9
Firearms	17	--	--	--	--	--	--	--	--	52.9
Pistol, handgun, revolver	14	--	--	--	--	--	--	--	--	57.1
Containers	7	--	--	--	71.4	--	--	--	--	--
Containers--nonpressurized	6	--	--	--	83.3	--	--	--	--	--
Tanks, bins, vats	6	--	--	--	83.3	--	--	--	--	--
Other sources	12	--	--	25.0	--	--	--	--	--	--
Steam, vapors, liquids, n.e.c.	8	--	--	--	--	--	--	--	--	--
Liquids	8	--	--	--	--	--	--	--	--	--
Water	8	--	--	--	--	--	--	--	--	--

¹ Classified according to the *Standard Industrial Classification Manual, 1987*

² Includes fatalities at all establishments categorized as Mining (Division B) in the Standard Industrial Classification Manual, 1987 Edition, including establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction.

³ The primary source identifies the object, substance, or exposure that directly produced or inflicted the injury. For transportation incidents, the source identifies the vehicle in which the deceased was an occupant.

⁴ The secondary source of injury, if any, identifies the object, substance, or person that generated the source of injury or that contributed to the event or exposure. For vehicle collisions, the deceased's vehicle is the primary source and the other object (truck, road, divider, etc.) is the secondary

source. For most homicides, the "bullet" is the primary source and the "perpetrator" is the secondary source.

NOTE: Totals for major categories may include subcategories not shown separately. Percentages may not add to totals because of rounding.

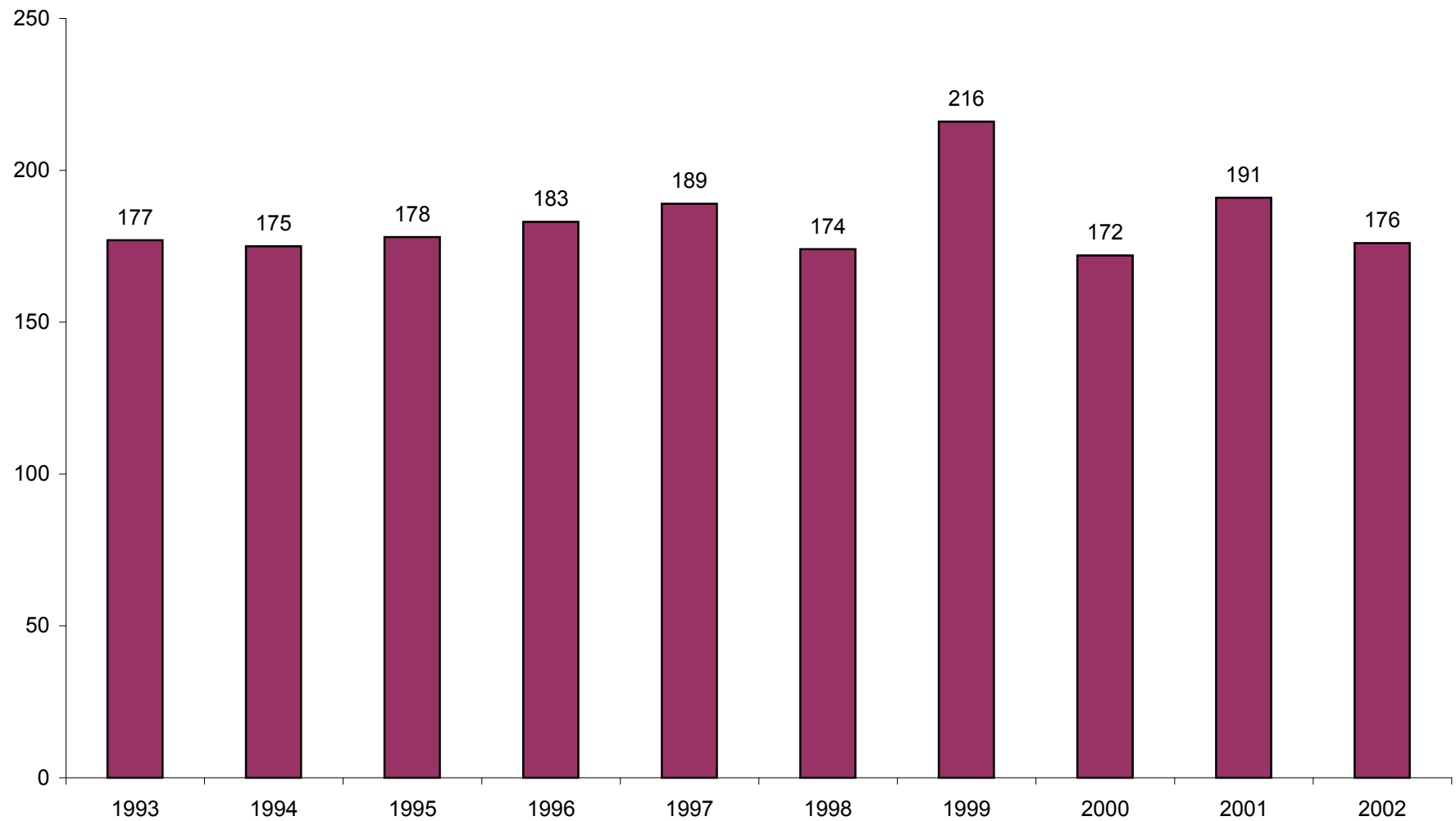
Dashes indicate no data reported or data that do not meet publication criteria.

n.e.c. means "not elsewhere classified."

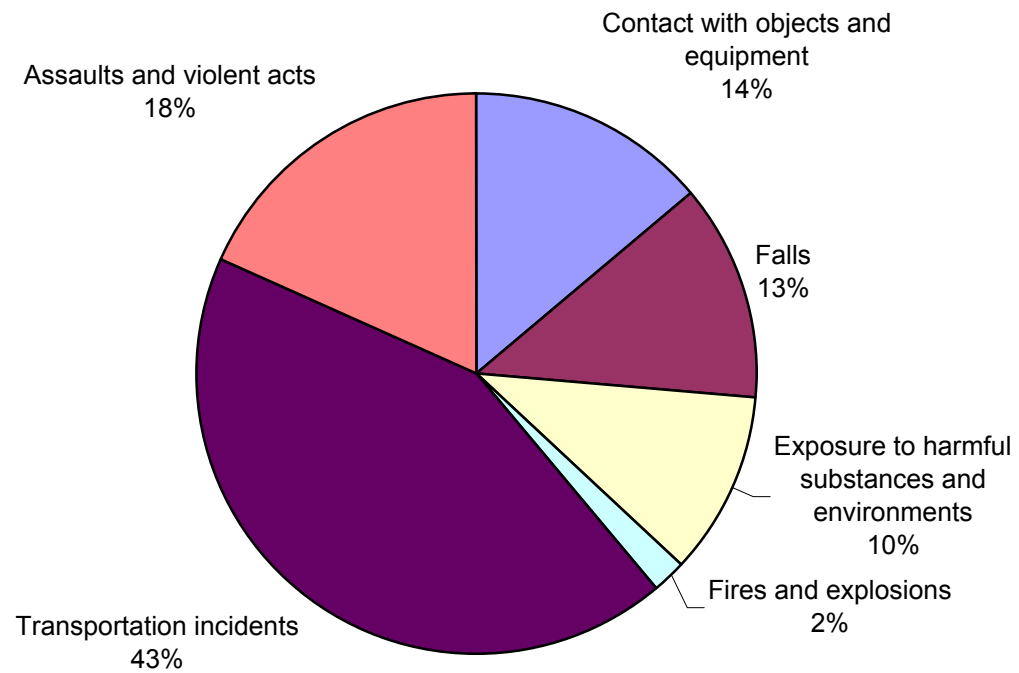
Data for 2002 are preliminary; data for previous years are final.

SOURCE: California Division of Labor Statistics and Research, in cooperation with the U.S. Bureau of Labor Statistics, Census of Fatal Occupational Injuries

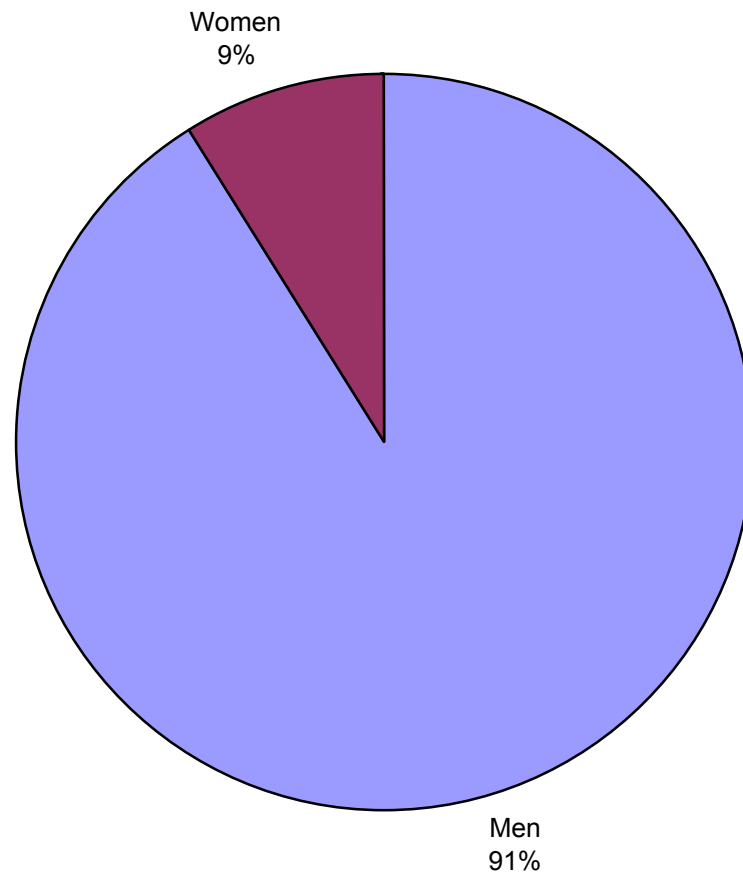
Fatal work injury involving hispanics, California, 1993-2002, all ownerships



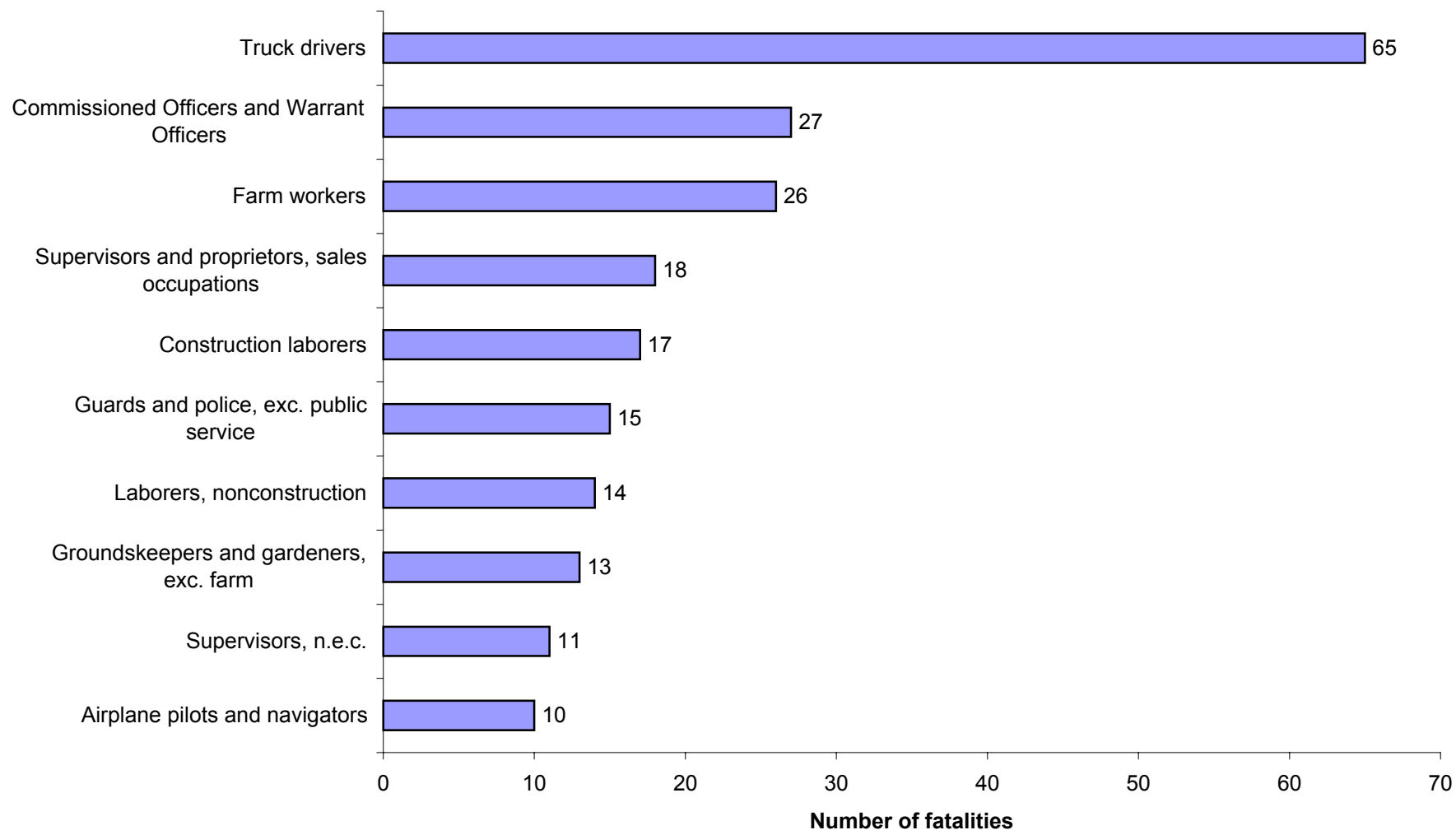
Fatality profiles by event for male workers, 2002, California, all ownerships (435 fatalities)



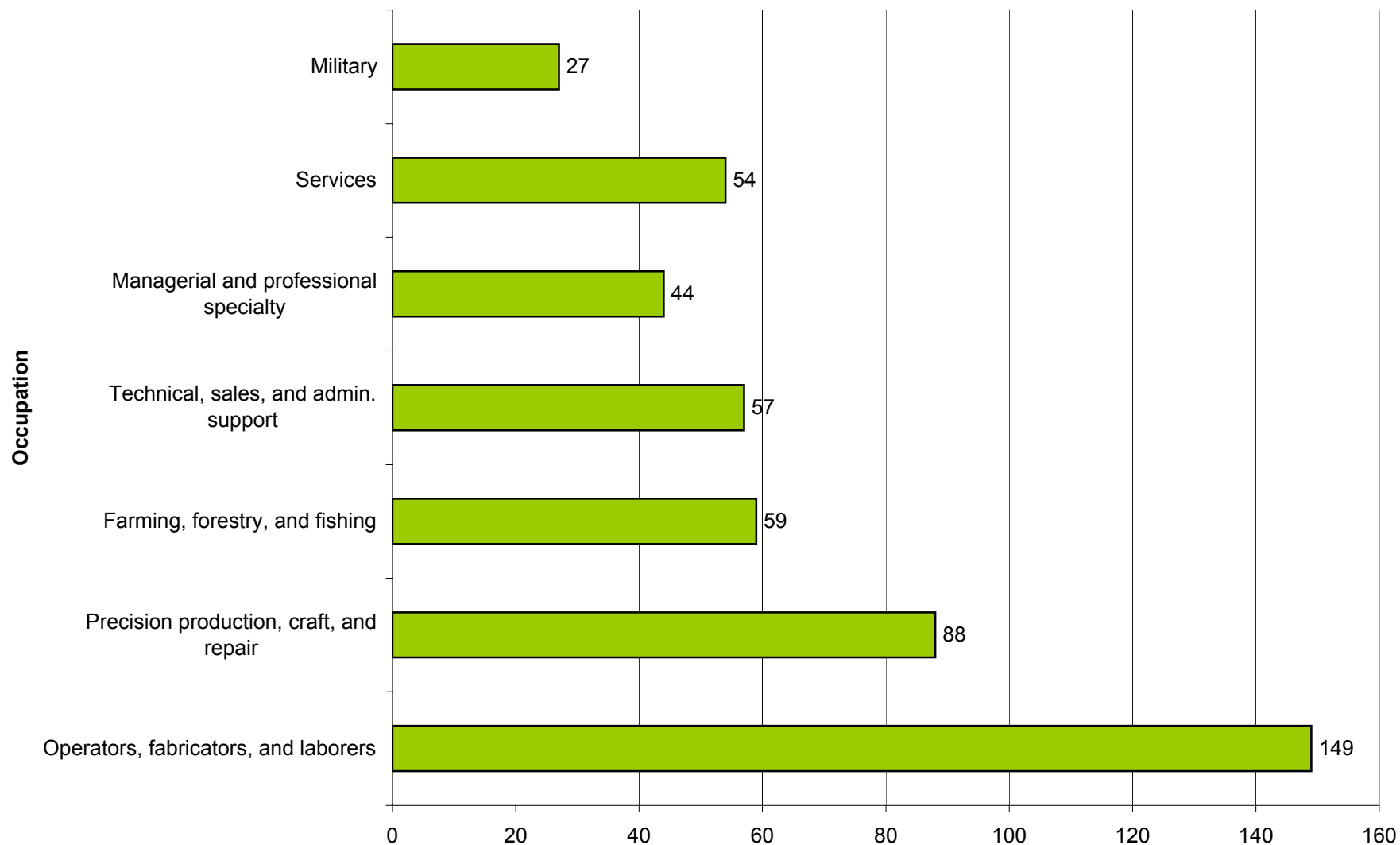
Fatality profiles by gender of worker, 2002, California, all ownerships



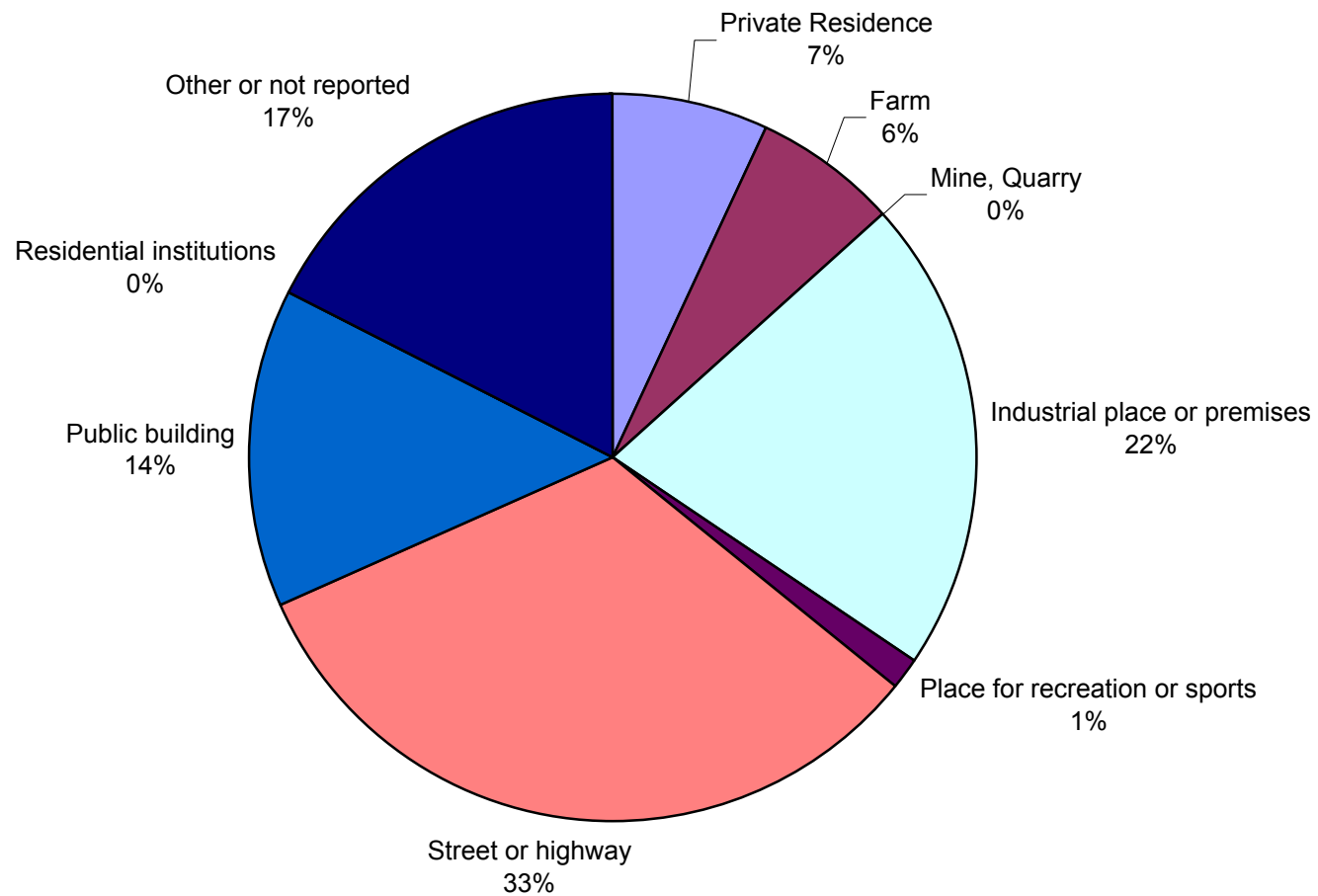
Occupations with the largest number of worker fatalities, 2002, California, all ownerships



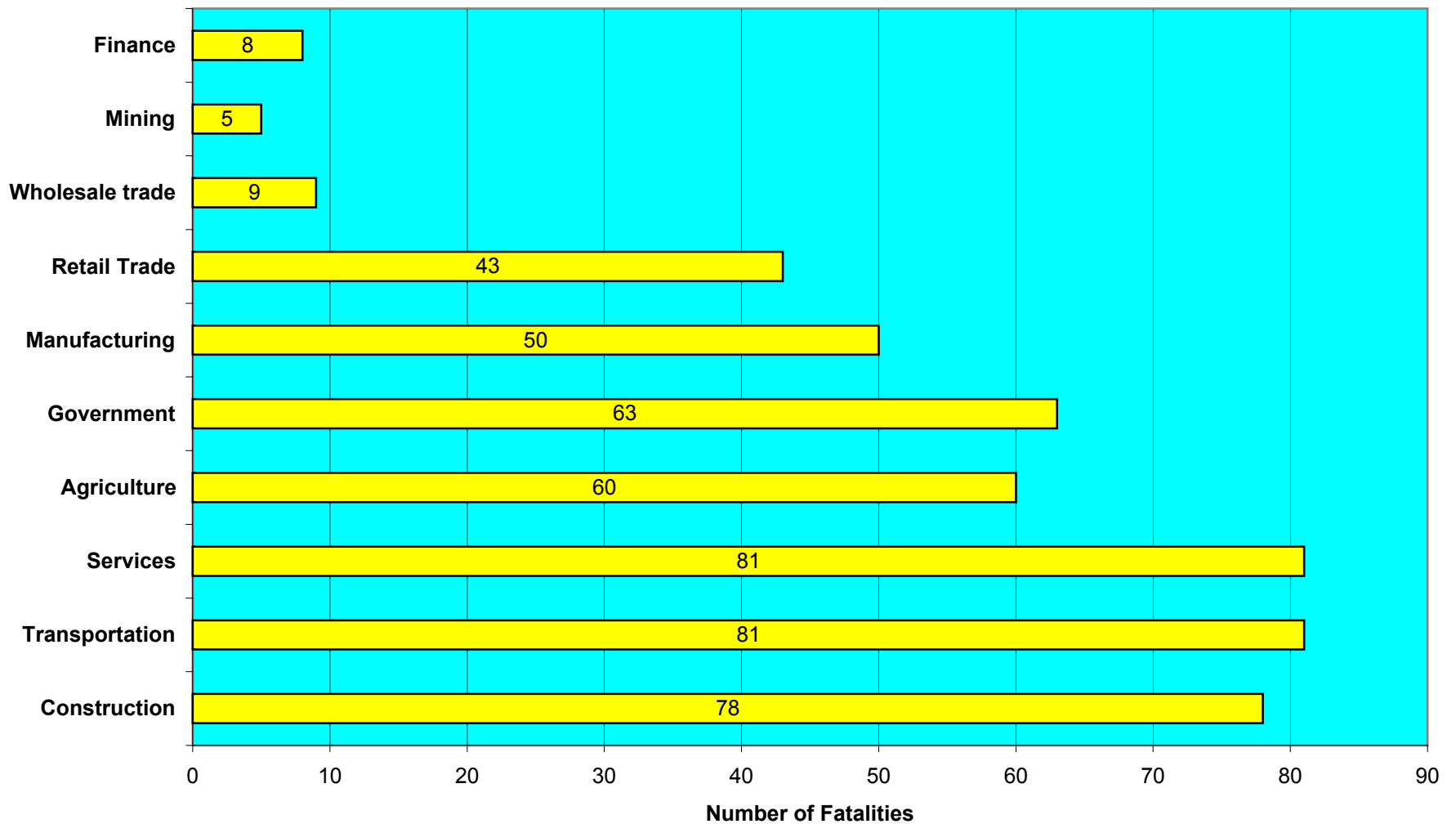
Fatal work injuries by occupation, California, 2002, all ownerships



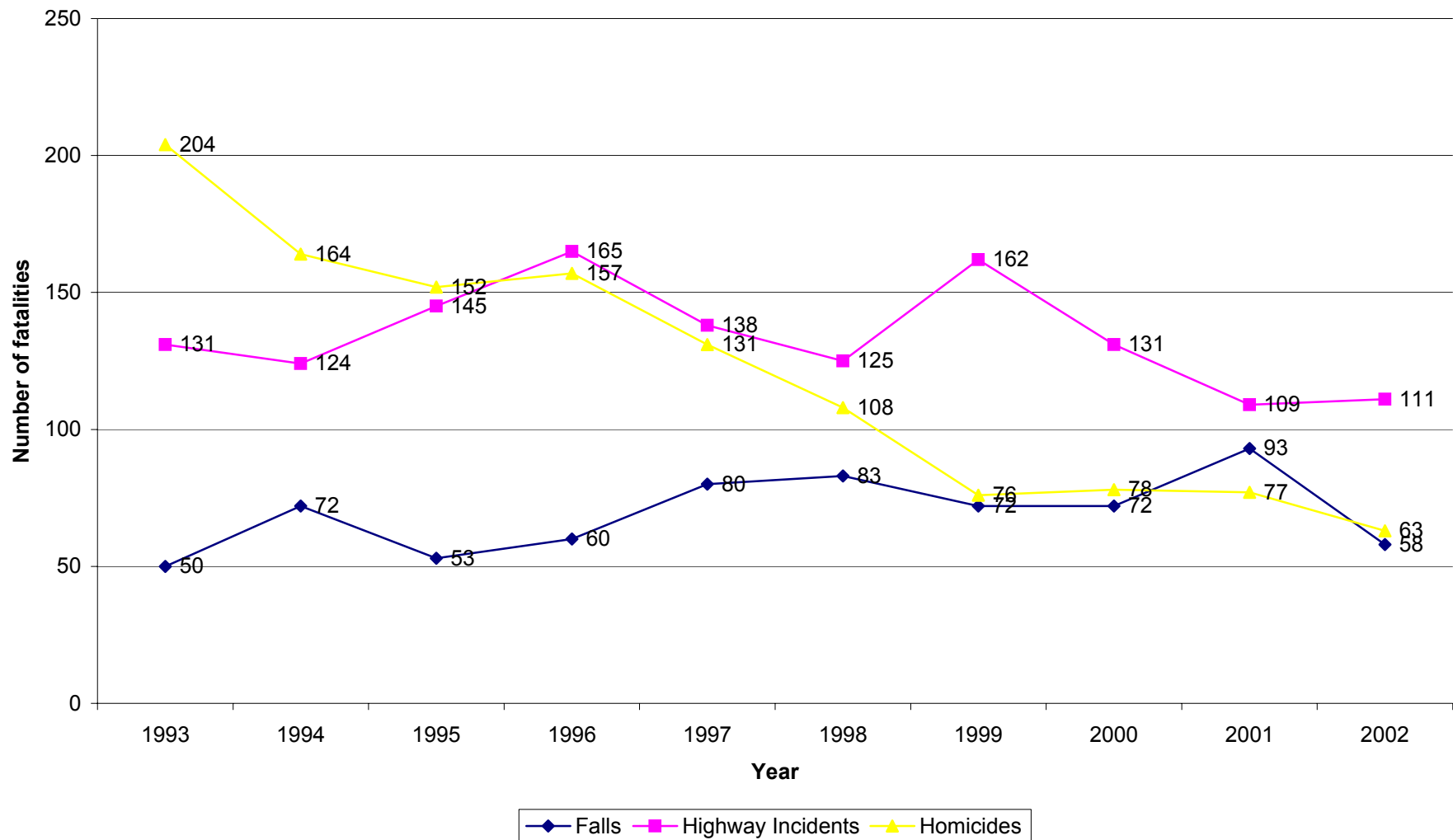
Fatal work injuries by location, California, 2002, all ownerships



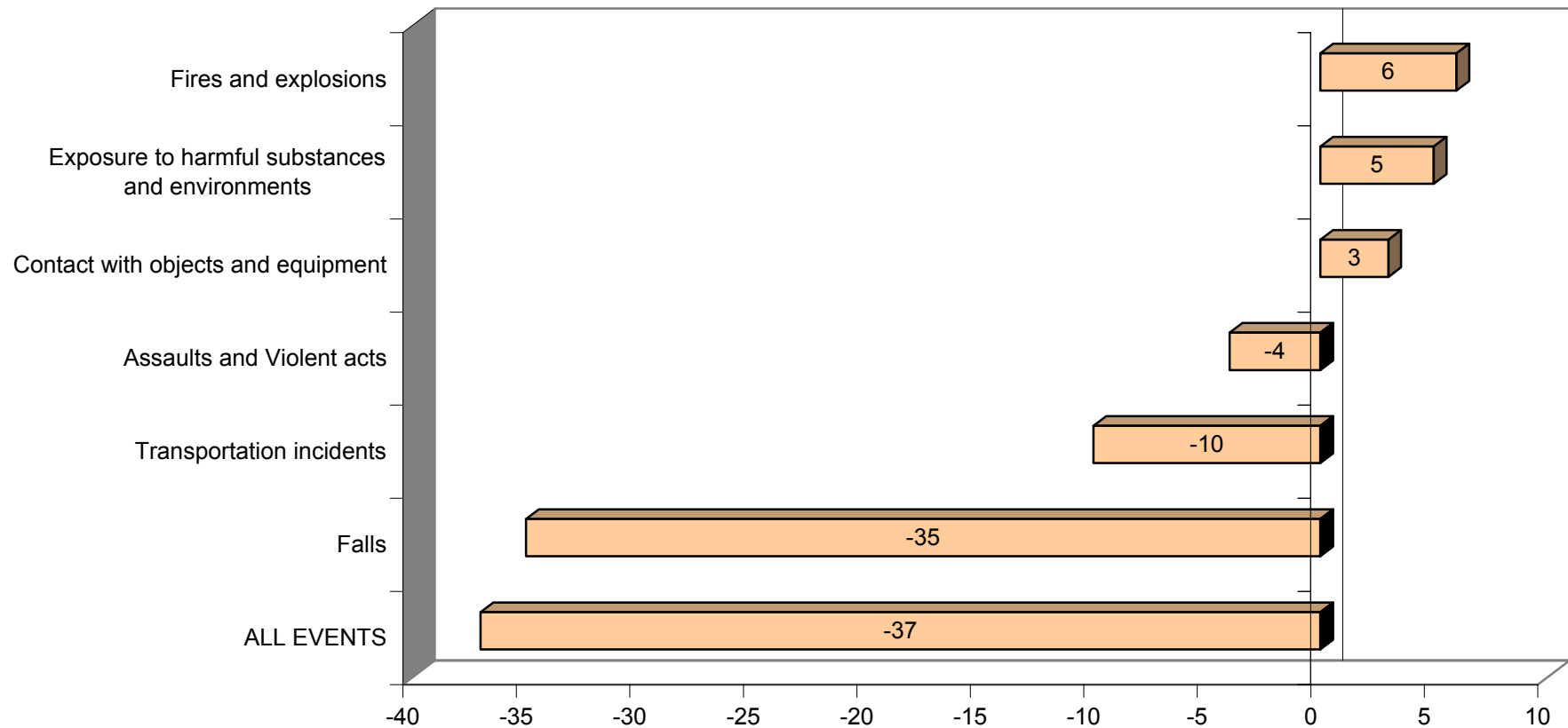
Number of fatal occupational injuries by industry division, 2002, California



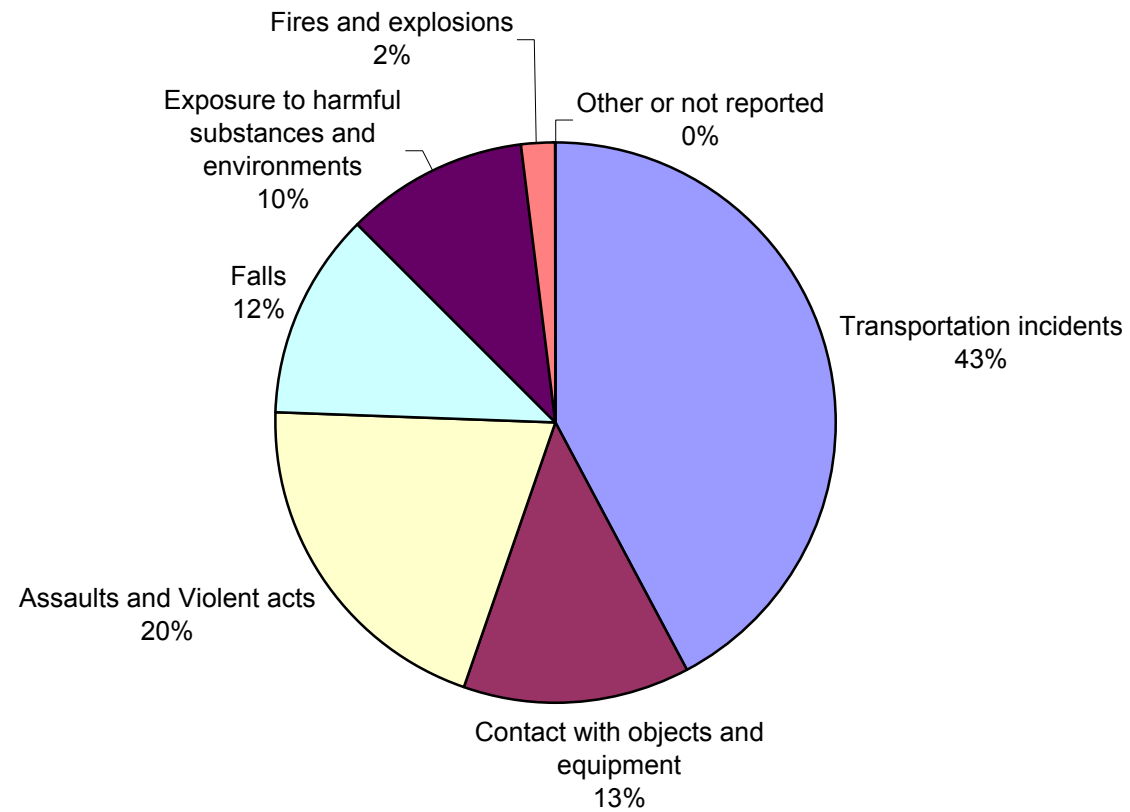
Workplace fatalities by highway incidents, homicides, and falls, 1993-2002 ,California, all ownerships



Difference in workplace fatality counts from 2001 to 2002 by fatal event, California, all ownerships



Workplace fatalities by event or exposure, California, 2002, all ownerships



Fatal work injury counts, California, 1993-2002, all ownerships

